



STIC Search Report

Biotech-Chem Library

STIC Database Tracking Number: 126933

TO: James Schultz
Location: REM-2D18/2C18
Art Unit: 1635
Monday, July 12, 2004
Case Serial Number: 10/016149

From: Paul Schulwitz
Location: Biotech-Chem Library
REM-1A65
Phone: (571)272-2527

paul.schulwitz@uspto.gov

Search Notes

Examiner Schultz,

See attached results.

If you have any questions about this search feel free to contact me at any time.

Thank you for using STIC search services!

Paul Schulwitz
Technical Information Specialist
STIC Biotech/Chem Library
(571)272-2527



KW hammerhead ribozyme; hairpin ribozyme; antisense oligonucleotide;
 KW gene expression modification; cancer; phosphorothioate; endonuclease;
 KW anticancer; breast cancer; endometrium cancer; ss.
 XX Homo sapiens.
 XX WO9954459-A2.
 XX PD 28-OCT-1999.
 XX PF 19-APR-1999; 99WO-US008547.
 XX PR 20-APR-1998; 98US-0082404P.
 XX PR 23-JUN-1998; 98US-00103636.
 XX (RIBO-) RIBOZYME PHARM INC.
 XX Thompson JD, Beigelman L, Mcswiggen JA, Karpeisky A, Bellon L;
 PI Reynolds M, Zwick M, Jarvis T, Woolf T, Haeblerli P;
 PI Matulic-Adamic J;
 XX WPI; 2000-013248/01.
 XX New nucleic acids that interact, and optionally cleave, target sequences,
 PT used to treat cancer.
 XX Claim 77; Page 65; 149pp; English.
 XX The present invention describes nucleic acids (A) that interact stably
 CC with a target sequence and contain at least one phosphorodithioate
 CC link, having endonuclease activity. (A), and more generally any catalytic
 CC nucleic acid (A') that modulates expression of the oestrogen receptor
 CC gene, are used to treat cancer (particularly of breast or endometrium),
 CC in vivo or by transforming cells ex vivo and implanting treated cells, or
 CC for other conditions associated with levels of oestrogen receptor.
 CC Because of the high selectivity for targeted RNA, (A) can also be used to
 CC correlate inhibition of gene expression with alterations in phenotype,
 CC particularly for identification of therapeutic targets, and as research
 CC reagents (for RNA, in the same way that restriction endonucleases are
 CC used with DNA). The combination of modifications in (A) improves
 CC resistance to nucleases, binding affinity and/or activity. AAA23503 to
 CC AAA24747 represent oestrogen receptor hammerhead ribozyme sequences, and
 CC AAA24748 to AAA25992 represent their corresponding target sequences.
 CC AAA25993 to AAA26105 represent oestrogen receptor hairpin ribozyme
 CC sequences, and AAA26107 to AAA26218 represent their corresponding target
 CC sequences. AAA26219 to AAA26271 represent other ribozyme sequences and
 CC antisense oligonucleotides used in the exemplification of the present
 CC invention
 XX
 SQ Sequence 17 BP; 4 A; 6 C; 2 G; 5 T; 0 U; 0 Other;
 Query Match 3.9%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 7.9e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
 QY 957 AGCCAAATTCAGTCTC 972
 Db 1 AGCCAAATTCGTCTC 16
 RESULT 1213
 AAC70538
 ID AAC70538 standard; DNA; 17 BP.
 XX AAC70538;
 XX 09-FEB-2001 (first entry)
 DE Single nucleotide polymorphism PCR primer #246.
 XX Single nucleotide polymorphism; SNP; human; genetic disease;
 KW disease susceptibility; cardiovascular system; endocrine system;
 KW neurological system; forensic testing; paternity testing; PCR primer; ss.
 XX

XX Homo sapiens.
 XX WO200058519-A2.
 XX PD 05-OCT-2000.
 XX PF 30-MAR-2000; 2000WO-US008440.
 XX PR 31-MAR-1999; 99US-0127248P.
 XX (WHED) WHITEHEAD INST BIOMEDICAL RES.
 XX (AFFY-) AFFYMETRIX INC.
 XX Altshuler D, Cargill M, Daley GQ, Ireland JS, Lander ES;
 PI Lipshutz RJ, Patil N, Sklar P;
 XX WPI; 2000-611722/58.
 XX Nucleic acid selected from one of 106 genes comprising single nucleotide
 PT polymorphisms, allele-specific oligonucleotides to the genes are useful
 PT for phenotypic correlations, forensics, paternity testing, medicine and
 PT genetic analysis.
 XX Claim 8; Fig 5; 214pp; English.
 XX The present invention is concerned with a number of human single
 CC nucleotide polymorphisms (SNPs) which the inventors identified in human
 CC genes. These SNPs can be used in disease diagnosis and prediction of an
 CC individual's susceptibility to disease, in forensic and paternity testing
 CC and in genetic mapping. In particular, the SNPs of the invention can be
 CC used to diagnose susceptibility to diseases of the cardiovascular,
 CC endocrine and neurological systems, such as coronary artery disease,
 CC schizophrenia, cancer, autoimmune diseases, Alzheimer's and Parkinson's
 CC diseases
 XX Sequence 17 BP; 1 A; 4 C; 8 G; 4 T; 0 U; 0 Other;
 SQ
 Query Match 3.9%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 7.9e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
 QY 753 CAGGTCCTCTAGGCT 768
 Db 1 CAGGTCCTCTGGGCT 16
 RESULT 1214
 AAC70535
 ID AAC70535 standard; DNA; 17 BP.
 XX AAC70535;
 XX 09-FEB-2001 (first entry)
 DE Single nucleotide polymorphism PCR primer #244.
 XX Single nucleotide polymorphism; SNP; human; genetic disease;
 KW disease susceptibility; cardiovascular system; endocrine system;
 KW neurological system; forensic testing; paternity testing; PCR primer; ss.
 XX Homo sapiens.
 XX WO200058519-A2.
 XX PD 05-OCT-2000.
 XX PF 30-MAR-2000; 2000WO-US008440.
 XX PR 31-MAR-1999; 99US-0127248P.
 XX (WHED) WHITEHEAD INST BIOMEDICAL RES.
 XX (AFFY-) AFFYMETRIX INC.

XX Altshuler D, Cargill M, Daley GQ, Ireland JS, Lander ES;
 PI Lipshutz RJ, Patil N, Sklar P;
 XX WPI; 2000-611722/58.
 XX Nucleic acid selected from one of 106 genes comprising single nucleotide
 PT polymorphisms, allele-specific oligonucleotides to the genes are useful
 PT for phenotypic correlations, forensics, paternity testing, medicine and
 PT genetic analysis.
 XX Claim 8; Fig 5; 214pp; English.
 XX The present invention is concerned with a number of human single
 CC nucleotide polymorphisms (SNPs) which the inventors identified in human
 CC genes. These SNPs can be used in disease diagnosis and prediction of an
 CC individual's susceptibility to disease, in forensic and paternity testing
 CC and in genetic mapping. In particular, the SNPs of the invention can be
 CC used to diagnose susceptibility to diseases of the cardiovascular,
 CC endocrine and neurological systems, such as coronary artery disease,
 CC schizophrenia, cancer, autoimmune diseases, Alzheimer's and Parkinson's
 CC diseases
 XX Sequence 17 BP; 1 A; 4 C; 8 G; 4 T; 0 U; 0 Other;
 PS Query Match 3.9%; Score 11.2; DB 1; Length 17;
 CC Best Local Similarity 81.2%; Pred. No. 7.9e+02;
 CC Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
 QY 753 CAGGGTCCCTAGGCCT 768
 DB 1 CAGGGTCTCTGGGGCT 16
 RESULT 1215
 ID AAC70595 standard; DNA; 17 BP.
 XX AAC70595;
 AC AAC70595;
 DT 09-FEB-2001 (first entry)
 XX Single nucleotide polymorphism PCR primer #284.
 DE Single nucleotide polymorphism; SNP; human; genetic disease;
 KW disease susceptibility; cardiovascular system; endocrine system;
 KW neurological system; forensic testing; paternity testing; PCR primer; ss.
 XX Homo sapiens.
 OS
 XX WO2000058519-A2.
 PN
 XX 05-OCT-2000.
 PD
 XX 30-MAR-2000; 2000WO-US008440.
 PF
 XX 31-MAR-1999; 99US-0127248P.
 PR
 XX (WHED) WHITEHEAD INST BIOMEDICAL RES.
 PA (AFFY-) AFFYMETRIX INC.
 XX Altshuler D, Cargill M, Daley GQ, Ireland JS, Lander ES;
 PI Lipshutz RJ, Patil N, Sklar P;
 XX WPI; 2000-611722/58.
 XX Nucleic acid selected from one of 106 genes comprising single nucleotide
 PT polymorphisms, allele-specific oligonucleotides to the genes are useful
 PT for phenotypic correlations, forensics, paternity testing, medicine and
 PT genetic analysis.
 XX Claim 8; Fig 5; 214pp; English.

CC The present invention is concerned with a number of human single
 CC nucleotide polymorphisms (SNPs) which the inventors identified in human
 CC genes. These SNPs can be used in disease diagnosis and prediction of an
 CC individual's susceptibility to disease, in forensic and paternity testing
 CC and in genetic mapping. In particular, the SNPs of the invention can be
 CC used to diagnose susceptibility to diseases of the cardiovascular,
 CC endocrine and neurological systems, such as coronary artery disease,
 CC schizophrenia, cancer, autoimmune diseases, Alzheimer's and Parkinson's
 CC diseases
 XX Sequence 17 BP; 1 A; 4 C; 8 G; 4 T; 0 U; 0 Other;
 PS Query Match 3.9%; Score 11.2; DB 1; Length 17;
 CC Best Local Similarity 81.2%; Pred. No. 7.9e+02;
 CC Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
 QY 753 CAGGGTCCCTAGGCCT 768
 DB 1 CAGGGTCTCTGGGGCT 16
 RESULT 1216
 ID AAF01739/c
 XX AAF01739 standard; DNA; 17 BP.
 AC AAF01739;
 DT 16-FEB-2001 (first entry)
 XX Hammerhead ribozyme substrate #34.
 DE Ribozyme; erythropoietin; granulocyte colony stimulating factor;
 KW interferon alpha; ss.
 XX Homo sapiens.
 OS
 XX WO2000061729-A2.
 PN
 XX 19-OCT-2000.
 PD
 XX 11-APR-2000; 2000WO-US009721.
 PF
 XX 12-APR-1999; 99US-0129390P.
 PR
 XX (RIBO-) RIBOZYME PHARM INC.
 PA Blatt L, Zwick M, Pavco P, Mcswiggen J;
 PI WPI; 2000-647423/62.
 DR
 XX Enzymatic and antisense nucleic acid inhibition of repressor genes,
 PT useful for producing e.g. granulocyte colony stimulating factor protein,
 PT interferon alpha and erythropoietin.
 XX Claim 37; Page 56; 164pp; English.
 PS The present invention relates to enzymatic and antisense nucleic acid
 CC molecules that act as inhibitors of the expression of repressor genes
 CC encoding the TR2 Orphan receptor, EAR3/COUP-TF-1, the GATA transcription
 CC factor gene, IRF-2 and/or the C/EBP Displacement protein (CDP).
 CC Inhibition of the repressors removes prevents inhibition (and
 CC consequently increases expression of) genes involved in the production of
 CC erythropoietin, granulocyte colony stimulating factor protein and
 CC interferon alpha
 XX Sequence 17 BP; 5 A; 5 C; 4 G; 3 T; 0 U; 0 Other;
 PS Query Match 3.9%; Score 11.2; DB 1; Length 17;
 CC Best Local Similarity 81.2%; Pred. No. 7.9e+02;
 CC Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
 QY 754 AGGGTCCCTAGGCCTC 769
 DB 1 AGGGTCTCTGGGGCT 16

Db 17 AGTGCTGTAGGCTC 2

RESULT 1217
AAFO3391/c
ID AAF03391 standard; DNA; 17 BP.
XX
XX AAF03391;
AC
XX 16-FEB-2001 (first entry)
DT
XX Hammerhead ribozyme substrate #1686.
DE
XX Ribozyme; erythropoietin; granulocyte colony stimulating factor;
KW
KW interferon alpha; ss.
XX
XX Homo sapiens.
OS
XX WO200061729-A2.
PN
XX 19-OCT-2000.
PD
XX 11-APR-2000; 2000WO-US009721.
PF
XX 12-APR-1999; 99US-0129390P.
PR
XX (RIBO-) RIBOZYME PHARM INC.
PA
XX Blatt L, Zwick M, Pavco P, Mcswiggen J;
PI
XX WPI; 2000-647423/62.
PS
XX Enzymatic and antisense nucleic acid inhibition of repressor genes,
PT useful for producing e.g. granulocyte colony stimulating factor protein,
PT interferon alpha and erythropoietin.
XX
XX Claim 37; Page 94; 164pp; English.
PS
XX The present invention relates to enzymatic and antisense nucleic acid
CC molecules that act as inhibitors of the expression of repressor genes
CC encoding the TR2 Orphan receptor, EAR3/COUP-TF-1, the GATA transcription
CC factor gene, IRF-2 and/or the CAAAT Displacement Protein (CDP).
CC Inhibition of the repressors removes prevents inhibition (and
CC consequently increases expression of) genes involved in the production of
CC erythropoietin, granulocyte colony stimulating factor protein and
CC interferon alpha
XX
XX Sequence 17 BP; 7 A; 1 C; 5 G; 4 T; 0 U; 0 Other;
SQ
Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.9e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
XX
XX 876 TTTCCTGAGATGCACT 891
|||||
Db 17 TTTCCTGAATCTACT 2

RESULT 1218
AAFO5271
ID AAF05271 standard; DNA; 17 BP.
XX
XX AAF05271;
AC
XX 16-FEB-2001 (first entry)
DT
XX Hammerhead ribozyme substrate #2490.
DE
XX Ribozyme; erythropoietin; granulocyte colony stimulating factor;
KW
KW interferon alpha; ss.
XX
XX Homo sapiens.
OS
XX

Db 17 AGTGCTGTAGGCTC 2

RESULT 1217
AAFO3391/c
ID AAF03391 standard; DNA; 17 BP.
XX
XX AAF03391;
AC
XX 16-FEB-2001 (first entry)
DT
XX Hammerhead ribozyme substrate #1686.
DE
XX Ribozyme; erythropoietin; granulocyte colony stimulating factor;
KW
KW interferon alpha; ss.
XX
XX Homo sapiens.
OS
XX WO200061729-A2.
PN
XX 19-OCT-2000.
PD
XX 11-APR-2000; 2000WO-US009721.
PF
XX 12-APR-1999; 99US-0129390P.
PR
XX (RIBO-) RIBOZYME PHARM INC.
PA
XX Blatt L, Zwick M, Pavco P, Mcswiggen J;
PI
XX WPI; 2000-647423/62.
PS
XX Enzymatic and antisense nucleic acid inhibition of repressor genes,
PT useful for producing e.g. granulocyte colony stimulating factor protein,
PT interferon alpha and erythropoietin.
XX
XX Claim 37; Page 94; 164pp; English.
PS
XX The present invention relates to enzymatic and antisense nucleic acid
CC molecules that act as inhibitors of the expression of repressor genes
CC encoding the TR2 Orphan receptor, EAR3/COUP-TF-1, the GATA transcription
CC factor gene, IRF-2 and/or the CAAAT Displacement Protein (CDP).
CC Inhibition of the repressors removes prevents inhibition (and
CC consequently increases expression of) genes involved in the production of
CC erythropoietin, granulocyte colony stimulating factor protein and
CC interferon alpha
XX
XX Sequence 17 BP; 7 A; 1 C; 5 G; 4 T; 0 U; 0 Other;
SQ
Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.9e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
XX
XX 876 TTTCCTGAGATGCACT 891
|||||
Db 17 TTTCCTGAATCTACT 2

RESULT 1218
AAFO5271
ID AAF05271 standard; DNA; 17 BP.
XX
XX AAF05271;
AC
XX 16-FEB-2001 (first entry)
DT
XX Hammerhead ribozyme substrate #2490.
DE
XX Ribozyme; erythropoietin; granulocyte colony stimulating factor;
KW
KW interferon alpha; ss.
XX
XX Homo sapiens.
OS
XX

Db 17 AGTGCTGTAGGCTC 2

RESULT 1217
AAFO3391/c
ID AAF03391 standard; DNA; 17 BP.
XX
XX AAF03391;
AC
XX 16-FEB-2001 (first entry)
DT
XX Hammerhead ribozyme substrate #1686.
DE
XX Ribozyme; erythropoietin; granulocyte colony stimulating factor;
KW
KW interferon alpha; ss.
XX
XX Homo sapiens.
OS
XX WO200061729-A2.
PN
XX 19-OCT-2000.
PD
XX 11-APR-2000; 2000WO-US009721.
PF
XX 12-APR-1999; 99US-0129390P.
PR
XX (RIBO-) RIBOZYME PHARM INC.
PA
XX Blatt L, Zwick M, Pavco P, Mcswiggen J;
PI
XX WPI; 2000-647423/62.
PS
XX Enzymatic and antisense nucleic acid inhibition of repressor genes,
PT useful for producing e.g. granulocyte colony stimulating factor protein,
PT interferon alpha and erythropoietin.
XX
XX Claim 18; Page 113; 164pp; English.
PS
XX The present invention relates to enzymatic and antisense nucleic acid
CC molecules that act as inhibitors of the expression of repressor genes
CC encoding the TR2 Orphan receptor, EAR3/COUP-TF-1, the GATA transcription
CC factor gene, IRF-2 and/or the CAAAT Displacement Protein (CDP).
CC Inhibition of the repressors removes prevents inhibition (and
CC consequently increases expression of) genes involved in the production of
CC erythropoietin, granulocyte colony stimulating factor protein and
CC interferon alpha
XX
XX Sequence 17 BP; 1 A; 8 C; 5 G; 3 T; 0 U; 0 Other;
SQ
Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.9e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
XX
XX 897 CTCGAGCTCTCGCATC 912
|||||
Db 2 CTCGCTCTCTCGACC 17

RESULT 1219
AAFO2060/c
ID AAF02060 standard; DNA; 17 BP.
XX
XX AAF02060;
AC
XX 16-FEB-2001 (first entry)
DT
XX Hammerhead ribozyme substrate #355.
DE
XX Ribozyme; erythropoietin; granulocyte colony stimulating factor;
KW
KW interferon alpha; ss.
XX
XX Homo sapiens.
OS
XX WO200061729-A2.
PN
XX 19-OCT-2000.
PD
XX 11-APR-2000; 2000WO-US009721.
PF
XX 12-APR-1999; 99US-0129390P.
PR
XX (RIBO-) RIBOZYME PHARM INC.
PA
XX Blatt L, Zwick M, Pavco P, Mcswiggen J;
PI
XX WPI; 2000-647423/62.
PS
XX Enzymatic and antisense nucleic acid inhibition of repressor genes,
PT useful for producing e.g. granulocyte colony stimulating factor protein,
PT interferon alpha and erythropoietin.
XX
XX

```
PS Claim 37; Page 64; 164pp; English.
XX
CC The present invention relates to enzymatic and antisense nucleic acid
CC molecules that act as inhibitors of the expression of repressor genes
CC encoding the TR2 Orphan receptor, EAR3/COUP-TF-1, the GATA transcription
CC factor gene, IRF-2 and/or the CAAT Displacement Protein (CDP).
CC Inhibition of the repressors removes prevents inhibition (and
CC consequently increases expression of) genes involved in the production of
CC erythropoietin, granulocyte colony stimulating factor protein and
CC interferon alpha
XX
SQ Sequence 17 BP; 1 A; 3 C; 2 G; 11 T; 0 U; 0 Other;
Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.9e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 949 GCAAGAGAGCCAAAT 964
DB 16 GAAACAAGAGCAAAAT 1
RESULT 1220
AAAF03392/C
ID AAF03392 standard; DNA; 17 BP.
XX
AC AAF03392;
XX
DT 16-FEB-2001 (first entry)
XX
DE Hammerhead ribozyme substrate #1687.
XX
KW Ribozyme; erythropoietin; granulocyte colony stimulating factor;
XX interferon alpha; ss.
XX
OS Homo sapiens.
XX
PN WO200061729-A2.
XX
PD 19-OCT-2000.
XX
PF 11-APR-2000; 2000WO-US009721.
XX
PR 12-APR-1999; 99US-0129390P.
XX
PA (RIBO-) RIBOZYME PHARM INC.
XX
PI Blatt L, Zwick M, Pavco P, Mcswiggen J;
XX
DE WPI; 2000-647423/62.
XX
KW Enzymatic and antisense nucleic acid inhibition of repressor genes,
XX useful for producing e.g. granulocyte colony stimulating factor protein,
XX interferon alpha and erythropoietin.
XX
OS Homo sapiens.
XX
PN WO200061729-A2.
XX
PD 19-OCT-2000.
XX
PF 11-APR-2000; 2000WO-US009721.
XX
PR 12-APR-1999; 99US-0129390P.
XX
PA (RIBO-) RIBOZYME PHARM INC.
XX
PI Blatt L, Zwick M, Pavco P, Mcswiggen J;
XX
DE WPI; 2000-647423/62.
XX
KW Enzymatic and antisense nucleic acid inhibition of repressor genes,
XX useful for producing e.g. granulocyte colony stimulating factor protein,
XX interferon alpha and erythropoietin.
XX
PS Claim 37; Page 94; 164pp; English.
XX
CC The present invention relates to enzymatic and antisense nucleic acid
CC molecules that act as inhibitors of the expression of repressor genes
CC encoding the TR2 Orphan receptor, EAR3/COUP-TF-1, the GATA transcription
CC factor gene, IRF-2 and/or the CAAT Displacement Protein (CDP).
CC Inhibition of the repressors removes prevents inhibition (and
CC consequently increases expression of) genes involved in the production of
CC erythropoietin, granulocyte colony stimulating factor protein and
CC interferon alpha
XX
SQ Sequence 17 BP; 7 A; 1 C; 4 G; 5 T; 0 U; 0 Other;
Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.9e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 876 TTTCCTGAGATGCACT 891
```

```
DB 16 TTTCCTGAAATCTACT 1
RESULT 1221
AAAF02342
ID AAF02342 standard; DNA; 17 BP.
XX
AC AAF02342;
XX
DT 16-FEB-2001 (first entry)
XX
DE Hammerhead ribozyme substrate #637.
XX
KW Ribozyme; erythropoietin; granulocyte colony stimulating factor;
XX interferon alpha; ss.
XX
OS Homo sapiens.
XX
PN WO200061729-A2.
XX
PD 19-OCT-2000.
XX
PF 11-APR-2000; 2000WO-US009721.
XX
PR 12-APR-1999; 99US-0129390P.
XX
PA (RIBO-) RIBOZYME PHARM INC.
XX
PI Blatt L, Zwick M, Pavco P, Mcswiggen J;
XX
DE WPI; 2000-647423/62.
XX
KW Enzymatic and antisense nucleic acid inhibition of repressor genes,
XX useful for producing e.g. granulocyte colony stimulating factor protein,
XX interferon alpha and erythropoietin.
XX
PS Claim 37; Page 70; 164pp; English.
XX
CC The present invention relates to enzymatic and antisense nucleic acid
CC molecules that act as inhibitors of the expression of repressor genes
CC encoding the TR2 Orphan receptor, EAR3/COUP-TF-1, the GATA transcription
CC factor gene, IRF-2 and/or the CAAT Displacement Protein (CDP).
CC Inhibition of the repressors removes prevents inhibition (and
CC consequently increases expression of) genes involved in the production of
CC erythropoietin, granulocyte colony stimulating factor protein and
CC interferon alpha
XX
SQ Sequence 17 BP; 2 A; 4 C; 6 G; 5 T; 0 U; 0 Other;
Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.9e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 753 CAGGGTCCCTAGGCCT 768
DB 1 CAGGGTCTCTAGTGCT 16
RESULT 1222
AAAF02921
ID AAF02921 standard; DNA; 17 BP.
XX
AC AAF02921;
XX
DT 16-FEB-2001 (first entry)
XX
DE Hammerhead ribozyme substrate #1216.
XX
KW Ribozyme; erythropoietin; granulocyte colony stimulating factor;
XX interferon alpha; ss.
XX
OS Homo sapiens.
```

XX WO200061729-A2.
PN
XX
XX
PD 19-OCT-2000.
XX
XX 11-APR-2000; 2000WO-US009721.
PF
XX 12-APR-1999; 99US-0129390P.
PR
XX (RIBO-) RIBOZYME PHARM INC.
PA
XX Blatt L, Zwick M, Pavco P, Mcswiggen J;
PI
XX WPI; 2000-647423/62.
DR
XX Enzymatic and antisense nucleic acid inhibition of repressor genes,
PT useful for producing e.g. granulocyte colony stimulating factor protein,
PT interferon alpha and erythropoietin.
XX
XX Claim 37; Page 83; 164pp; English.
PS
XX The present invention relates to enzymatic and antisense nucleic acid
CC molecules that act as inhibitors of the expression of repressor genes
CC encoding the TP2 Orphan receptor, EAR3/COUP-TF-1, the GATA transcription
CC factor gene, IRF-2 and/or the C/EBP Displacement Protein (CDP).
CC Inhibition of the repressors removes prevents inhibition (and
CC consequently increases expression of) genes involved in the production of
CC erythropoietin, granulocyte colony stimulating factor protein and
CC interferon alpha
XX
XX Sequence 17 BP; 5 A; 3 C; 4 G; 5 T; 0 U; 0 Other;
SQ

Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.9e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 726 CTCGTGTCATAGGACT 741
Db 2 CTCGTGTAATAGCAAT 17

RESULT 1223
AAC73158/c
ID AAC73158 standard; DNA; 17 BP.
XX
AC AAC73158;
XX
XX 02-FEB-2001 (first entry)
DT
XX Reverse primer #22 used in multiplexing PCR/SBE assay.
DE
XX Oligonucleotide array; genotyping; single base extension reaction; SBE;
KW PCR primer; polymorphic locus; single nucleotide polymorphism; ss.
XX
XX Unidentified.
OS
XX WO200058516-A2.
PN
XX
XX 05-OCT-2000.
PD
XX 27-MAR-2000; 2000WO-US008069.
PF
XX 26-MAR-1999; 99US-0126473P.
PR
XX 23-JUN-1999; 99US-0140359P.
XX
XX (WHEE) WHITEHEAD INST BIOMEDICAL RES.
PA (AFFY-) AFFYMETRIX INC.
XX
XX Fan J, Hirschhorn JN, Huang X, Kaplan P, Lander ES, Lockhart DU;
PI Ryder T, Sklar P;
XX
XX WPI; 2000-656171/63.
DR
XX

PT Universal array of oligonucleotides tags attached to a solid substrate
PT along with locus-specific tagged oligonucleotides useful in genotyping
XX using single base extension reactions.
XX
XX Example 7; Page 50; 70pp; English.
PS
XX The present invention relates to an oligonucleotide array comprising
CC oligonucleotide tags fixed to a solid substrate. The oligonucleotide
CC array is useful for genotyping a nucleic acid sample at one or more loci
CC via single base extension (SBE) reactions. A pair of primers is used to
CC amplify a polymorphic locus in a sample e.g. a single nucleotide
CC polymorphism (SNP). The present sequence is one of the primers used in
CC the method of the present invention to amplify a polymorphic sample. The
CC amplified nucleic acid product is then used as a template in a SBE
CC reaction with an extension primer. The SBE reaction products are used to
CC form the oligonucleotide array
XX
XX Sequence 17 BP; 5 A; 3 C; 7 G; 2 T; 0 U; 0 Other;
SQ

Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.9e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 762 TAGGCTCCACTTCTG 777
Db 17 TTGCCCTCCACATCTG 2

RESULT 1224
AAH95847/c
ID AAH95847 standard; RNA; 17 BP.
XX
AC AAH95847;
XX
XX 09-OCT-2001 (first entry)
DT
XX Human Chk1 ribozyme substrate SEQ ID NO: 1272.
DE
XX Human; checkpoint kinase-1; Chk1; antisense; ribozyme; gene therapy;
KW RNA cleavage; cancer; ss.
XX
XX Homo sapiens.
OS
XX WO200157206-A2.
PN
XX
XX 09-AUG-2001.
PD
XX 02-FEB-2001; 2001WO-US003504.
PF
XX 03-FEB-2000; 2000US-0179983P.
PR
XX (RIBO-) RIBOZYME PHARM INC.
PA (PAT/) FATTAEY A R.
XX
XX Fattaey AR, Jarvis T, Mcswiggen J, Bocher RN, Holman PS;
PI
XX WPI; 2001-496922/54.
DR
XX Novel nucleic acid molecule e.g., ribozymes or antisense nucleic acid
PT molecules, which downregulates expression of a checkpoint kinase-1 gene,
PT useful for treating colorectal, lung, breast or prostate cancers.
XX
XX Claim 4; Page 91; 115pp; English.
PS
XX The present invention provides nucleic acid molecules capable of
CC downregulating the expression of the human checkpoint kinase-1 (Chk1)
CC gene. These may be antisense or ribozyme sequences, and are useful in the
CC treatment of diseases associated with conditions affected by Chk1 levels,
CC including cancer. The present sequence is an oligonucleotide described in
CC the exemplification of the invention
XX
XX Sequence 17 BP; 8 A; 1 C; 5 G; 0 T; 3 U; 0 Other;
SQ

```

Query Match      3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.9e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 834 TTTCTTCTCTGAGA 849
DB 16 TTCTCTCTCTTCTGAGA 1

RESULT 1225
AAH95542
ID AAH95542 standard; RNA; 17 BP.
XX
AC AAH95542;
XX
XX 09-OCT-2001 (first entry)
XX Human Chk1 ribozyme substrate SEQ ID NO: 967.
XX
XX Human; checkpoint kinase-1; Chk1; antisense; ribozyme; gene therapy;
XX RNA cleavage; cancer; ss.
XX Homo sapiens.
XX WO200157206-A2.
XX
XX 09-AUG-2001.
XX
XX 02-FEB-2001; 2001WO-US003504.
XX
XX 03-FEB-2000; 2000US-0179983P.
XX
XX (RIBO-) RIBOZYME PHARM INC.
XX (FATT/) FATTAEY A R.
XX
XX Fattaey AR, Jarvis T, Mcswiggen J, Booher RN, Holman PS;
XX WPI; 2001-496922/54.
XX
XX Novel nucleic acid molecule e.g., ribozymes or antisense nucleic acid
XX molecules, which downregulates expression of a checkpoint kinase-1 gene,
XX useful for treating colorectal, lung, breast or prostate cancers.
XX
XX Claim 4; Page 89; 115pp; English.
XX
XX The present invention provides nucleic acid molecules capable of
XX downregulating the expression of the human checkpoint kinase-1 (Chk1)
XX gene. These may be antisense or ribozyme sequences, and are useful in the
XX treatment of diseases associated with conditions affected by Chk1 levels,
XX including cancer. The present sequence is an oligonucleotide described in
XX the exemplification of the invention
XX
XX Sequence 17 BP; 5 A; 1 C; 8 G; 0 T; 3 U; 0 Other;

Query Match      3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.9e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 803 CTCCTCTCCCACTCAG 818
DB 17 CTCCTCTCCCACTCAG 2

RESULT 1227
ABK02776
ID ABK02776 standard; RNA; 17 BP.
XX
AC ABK02776;
XX
XX 12-MAR-2002 (first entry)
XX
XX Human CD20 Hammerhead ribozyme #75.
XX
XX Human; ss; antisense therapy; cytostatic; antiinflammatory; haemostatic;
XX cerebroprotective; neurotropic; neuroprotective; antiparkinsonian;
XX muscular; CD20; neurite growth inhibitor gene; NOGO; hammerhead ribozyme;
XX DNazyme; inozyme; G-cleaver; amberyne; zinzyme; lymphoma; leukaemia;
XX B-cell lymphoma; non-Hodgkin's lymphoma; NHL; lymphocytic leukaemia;
XX human immunodeficiency virus; HIV associated NHL; mantle-cell lymphoma;
XX MCL; immunocytoma; IMC; immune thrombocytopaenia; stroke; dementia;
XX inflammatory arthropathy; central nervous system injury;
XX cerebrovascular accident; CVA; Alzheimer's disease; multiple sclerosis;
XX chemotherapy-induced neuropathy; amyotrophic lateral sclerosis; ALS;
XX Parkinson's disease; ataxia; Huntington's disease;
XX Creutzfeldt-Jakob disease; muscular dystrophy; neurodegenerative disease.
XX Homo sapiens.
XX Synthetic.
XX
XX WO200159103-A2.
XX
XX 16-AUG-2001.
XX

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XX PF 09-FEB-2001; 2001WO-US004273.
XX PR 11-FEB-2000; 2000US-0181797P.
XX PR 28-FEB-2000; 2000US-0185516P.
XX PR 06-MAR-2000; 2000US-0187128P.
XX (RIBO-) RIBOZYME PHARM INC.
PA (BLAT/) BLATT L.
PA (MCSW/) MCSWIGGEN J.
PA (CHOW/) CHOWRIRA B M.
XX Blatt L, Mcswiggen J, Chowrira BM;
PI WPI; 2001-607195/69.
XX Nucleic acid molecules, e.g., enzymatic nucleic acids and antisense
PT constructs, which down regulate expression of a CD20 gene or neurite
PT growth inhibitor gene useful for treating, e.g., lymphoma, leukemia, and
PT central nervous system injury.
XX Claim 30; Page 141; 200pp; English.
XX The invention relates to a nucleic acid molecule which down regulates
CC expression of a CD20 gene and a nucleic acid molecule which down
CC regulates expression of a neurite growth inhibitor gene (NOGO). The
CC nucleic acids may be enzymatic nucleic acids (e.g. a ribozyme or a
CC DNzyme) an inozyme (an endolytic nucleic acid cleaving a NYN motif) or
CC possessing an NCH motif), a G-cleaver (cleaving RNA with a NYN motif) or
CC an amberzyme (cleaving RNA with an NGN triplet), a zinzyme (cleaving RNA
CC with a VGY motif). The CD20-targeting nucleic acid is used to cleave RNA
CC of CD20 in the presence of a divalent cation that is preferably Mg²⁺.
CC Furthermore, it may be contacted with a cell to reduce CD20 activity of
CC the cell and treat a patient having a condition associated with the level
CC of CD20. The treatment may further comprise the use of one or more
CC therapies. In particular, the CD20 targeting nucleic acid may be used to
CC treat lymphoma, leukaemia, B-cell lymphoma, low-grade or follicular non-
CC Hodgkin's lymphoma (NHL), bulky low-grade or follicular NHL, mantle-cell
CC leukemia, HIV (human immunodeficiency virus) associated NHL, mantle-cell
CC lymphoma (MCL), immunocytoma (IMC), small B-cell lymphocytic lymphoma,
CC immune thrombocytopaenia, and inflammatory arthropathy. The NOGO-
CC targeting nucleic acid is used to cleave RNA of the NOGO gene in the
CC presence of a divalent cation that is preferably Mg²⁺. Furthermore, the
CC nucleic acid may be contacted with a cell to reduce NOGO activity of the
CC cell and treat a patient having a condition associated with the level of
CC NOGO. The treatment may further comprise the use of one or more
CC therapies. In particular, the NOGO-targeting nucleic acid may be used to
CC treat central nervous system (CNS) injury and cerebrovascular accident
CC (CVA, stroke), Alzheimer's disease, dementia, multiple sclerosis (MS),
CC chemotherapy-induced neuropathy, amyotrophic lateral sclerosis (ALS),
CC Parkinson's disease, ataxia, Huntington's disease, Creutzfeldt-Jakob
CC disease, muscular dystrophy, and/or other neurodegenerative disease
CC states which respond to the modulation of NOGO expression. The present
CC sequence is a hammerhead ribozyme of the invention
XX SQ Sequence 17 BP; 2 A; 6 C; 4 G; 0 T; 5 U; 0 Other;
Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 62.5%; Pred. No. 7.9e+02;
Matches 10; Conservative 3; Mismatches 3; Indels 0; Gaps 0;
QY 783 AGCCCTCTCTGTCGCA 798
Db 2 AGCCCTCTCTGTCGCA 17
RESULT 1228
ABK02777
ID ABK02777 standard; RNA; 17 BP.
XX
XX ABK02777;
XX
XX 12-MAR-2002 (first entry)

XX DE Human CD20 Hammerhead ribozyme #76.
XX KW Human; ss; antisense therapy; cytostatic; antiinflammatory; haemostatic;
KW cerebroprotective; nootropic; neuroprotective; antiparkinsonian;
KW muscular; CD20; neurite growth inhibitor gene; NOGO; hammerhead ribozyme;
KW DNzyme; inozyme; G-cleaver; amberzyme; zinzyme; lymphoma; leukaemia;
KW B-cell lymphoma; non-Hodgkin's lymphoma; NHL; lymphocytic leukemia;
KW human immunodeficiency virus; HIV associated NHL; mantle-cell lymphoma;
KW MCL; immunocytoma; IMC; immune thrombocytopaenia; stroke; dementia;
KW inflammatory arthropathy; central nervous system injury;
KW cerebrovascular accident; CVA; Alzheimer's disease; multiple sclerosis;
KW chemotherapy-induced neuropathy; amyotrophic lateral sclerosis; ALS;
KW Parkinson's disease; ataxia; Huntington's disease;
KW Creutzfeldt-Jakob disease; muscular dystrophy; neurodegenerative disease.
XX Homo sapiens.
OS Synthetic.
XX WO200159103-A2.
XX 16-AUG-2001.
XX 09-FEB-2001; 2001WO-US004273.
XX 11-FEB-2000; 2000US-0181797P.
XX 28-FEB-2000; 2000US-0185516P.
XX 06-MAR-2000; 2000US-0187128P.
XX (RIBO-) RIBOZYME PHARM INC.
PA (BLAT/) BLATT L.
PA (MCSW/) MCSWIGGEN J.
PA (CHOW/) CHOWRIRA B M.
XX Blatt L, Mcswiggen J, Chowrira BM;
PI WPI; 2001-607195/69.
XX Nucleic acid molecules, e.g., enzymatic nucleic acids and antisense
PT constructs, which down regulate expression of a CD20 gene or neurite
PT growth inhibitor gene useful for treating, e.g., lymphoma, leukemia, and
PT central nervous system injury.
XX Claim 30; Page 141; 200pp; English.
XX The invention relates to a nucleic acid molecule which down regulates
CC expression of a CD20 gene and a nucleic acid molecule which down
CC regulates expression of a neurite growth inhibitor gene (NOGO). The
CC nucleic acids may be enzymatic nucleic acids (e.g. a ribozyme or a
CC DNzyme) an inozyme (an endolytic nucleic acid cleaving a NYN motif) or
CC possessing an NCH motif), a G-cleaver (cleaving RNA with a NYN motif) or
CC an amberzyme (cleaving RNA with an NGN triplet), a zinzyme (cleaving RNA
CC with a VGY motif). The CD20-targeting nucleic acid is used to cleave RNA
CC of CD20 in the presence of a divalent cation that is preferably Mg²⁺.
CC Furthermore, it may be contacted with a cell to reduce CD20 activity of
CC the cell and treat a patient having a condition associated with the level
CC of CD20. The treatment may further comprise the use of one or more
CC therapies. In particular, the CD20 targeting nucleic acid may be used to
CC treat lymphoma, leukaemia, B-cell lymphoma, low-grade or follicular non-
CC Hodgkin's lymphoma (NHL), bulky low-grade or follicular NHL, mantle-cell
CC leukemia, HIV (human immunodeficiency virus) associated NHL, mantle-cell
CC lymphoma (MCL), immunocytoma (IMC), small B-cell lymphocytic lymphoma,
CC immune thrombocytopaenia, and inflammatory arthropathy. The NOGO-
CC targeting nucleic acid is used to cleave RNA of the NOGO gene in the
CC presence of a divalent cation that is preferably Mg²⁺. Furthermore, the
CC nucleic acid may be contacted with a cell to reduce NOGO activity of the
CC cell and treat a patient having a condition associated with the level of
CC NOGO. The treatment may further comprise the use of one or more
CC therapies. In particular, the NOGO-targeting nucleic acid may be used to
CC treat central nervous system (CNS) injury and cerebrovascular accident
CC (CVA, stroke), Alzheimer's disease, dementia, multiple sclerosis (MS),
CC chemotherapy-induced neuropathy, amyotrophic lateral sclerosis (ALS),
CC Parkinson's disease, ataxia, Huntington's disease, Creutzfeldt-Jakob
CC disease, muscular dystrophy, and/or other neurodegenerative disease
CC states which respond to the modulation of NOGO expression. The present
CC sequence is a hammerhead ribozyme of the invention

CC disease, muscular dystrophy, and/or other neurodegenerative disease
 CC states which respond to the modulation of NOGO expression. The present
 CC sequence is a hammerhead ribozyme of the invention
 XX
 SQ Sequence 17 BP; 2 A; 6 C; 3 G; 0 T; 6 U; 0 Other;
 Query Match 3.9%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 62.5%; Pred. No. 7.9e+02;
 Matches 10; Conservative 3; Mismatches 3; Indels 0; Gaps 0;
 QY 783 AGCCCTCTCGTGCCA 798
 ||||| : : : : :
 Db 1 AGCCCUUUGUGCCA 16
 RESULT 1229
 ABK00259/c
 ID ABK00259 standard; RNA; 17 BP.
 XX
 AC ABK00259;
 XX
 DT 12-MAR-2002 (first entry)
 XX
 DE Human NOGO Hammerhead Ribozyme #259.
 XX
 KW Human; ss; antisense therapy; cytostatic; antiinflammatory; haemostatic;
 KW cerebroprotective; neurotropic; neuroprotective; antiparkinsonian;
 KW muscular; CD20; neurite growth inhibitor gene; NOGO; hammerhead ribozyme;
 KW DNazyme; inozyme; G-cleaver; amberyzyme; zinzyme; lymphoma; leukaemia;
 KW B-cell lymphoma; non-Hodgkin's lymphoma; NHL; lymphocytic leukaemia;
 KW human immunodeficiency virus; HIV associated NHL; mantle-cell lymphoma;
 KW MCL; immunocytoma; IMC; immune thrombocytopaenia; stroke; dementia;
 KW inflammatory arthropathy; central nervous system injury;
 KW cerebrovascular accident; CVA; Alzheimer's disease; multiple sclerosis;
 KW chemotherapy-induced neuropathy; amyotrophic lateral sclerosis; ALS;
 KW Parkinson's disease; ataxia; Huntington's disease;
 KW Creutzfeldt-Jakob disease; muscular dystrophy; neurodegenerative disease.
 XX
 OS Homo sapiens.
 OS Synthetic.
 XX
 PN WO200159103-A2.
 XX
 PD 16-AUG-2001.
 XX
 PF 09-FEB-2001; 2001WO-US004273.
 XX
 PR 11-FEB-2000; 2000US-0181797P.
 PR 28-FEB-2000; 2000US-0185516P.
 PR 06-MAR-2000; 2000US-0187128P.
 XX
 PA (RIBO-) RIBOZYME PHARM INC.
 PA (BLAT/) BLATT L.
 PA (MCSW/) MCSWIGGEN J.
 PA (CHOW/) CHOWIRA B M.
 XX
 XX Blatt L, Meswigen J, Chowira BM;
 XX WPI; 2001-607195/69.
 XX
 PT Nucleic acid molecules, e.g., enzymatic nucleic acids and antisense
 PT constructs, which down regulate expression of a CD20 gene or neurite
 PT growth inhibitor gene useful for treating, e.g., lymphoma, leukemia, and
 PT central nervous system injury.
 XX
 XX Claim 88; Page 70; 200pp; English.
 XX
 CC The invention relates to a nucleic acid molecule which down regulates
 CC expression of a CD20 gene and a nucleic acid molecule which down
 CC regulates expression of a neurite growth inhibitor gene (NOGO). The
 CC nucleic acids may be enzymatic nucleic acids (e.g. a ribozyme or a
 CC DNazyme) an inozyme (an endolytic nucleic acid cleaving a an RNA molecule
 CC possessing an NCH motif), a G-cleaver (cleaving RNA with a NYN motif) pr

CC an amberzyme (cleaving RNA with an NGN triplet), a zinzyme (cleaving RNA
 CC with a YGY motif). The CD20-targeting nucleic acid is used to cleave RNA
 CC of CD20 in the presence of a divalent cation that is preferably Mg²⁺.
 CC Furthermore, it may be contacted with a cell to reduce CD20 activity of
 CC the cell and treat a patient having a condition associated with the level
 CC of CD20. The treatment may further comprise the use of one or more
 CC therapies. In particular, the CD20 targeting nucleic acid may be used to
 CC treat lymphoma, leukaemia, B-cell lymphoma, low-grade or follicular non-
 CC Hodgkin's lymphoma (NHL), bulky low-grade or follicular NHL, lymphocytic
 CC leukaemia, HIV (human immunodeficiency virus) associated NHL, mantle-cell
 CC lymphoma (MCL), immunocytoma (IMC), small B-cell lymphocytic lymphoma,
 CC immune thrombocytopaenia, and inflammatory arthropathy. The NOGO-
 CC targeting nucleic acid is used to cleave RNA of the NOGO gene in the
 CC presence of a divalent cation that is preferably Mg²⁺. Furthermore, the
 CC nucleic acid may be contacted with a cell to reduce NOGO activity of the
 CC cell and treat a patient having a condition associated with the level of
 CC NOGO. The treatment may further comprise the use of one or more
 CC therapies. In particular, the NOGO-targeting nucleic acid may be used to
 CC treat central nervous system (CNS) injury and cerebrovascular accident
 CC (CVA, stroke), Alzheimer's disease, dementia, multiple sclerosis (MS),
 CC chemotherapy-induced neuropathy, amyotrophic lateral sclerosis (ALS),
 CC Parkinson's disease, ataxia, Huntington's disease, Creutzfeldt-Jakob
 CC disease, muscular dystrophy, and/or other neurodegenerative disease
 CC states which respond to the modulation of NOGO expression. The present
 CC sequence is a hammerhead ribozyme of the invention
 XX
 SQ Sequence 17 BP; 4 A; 5 C; 3 G; 0 T; 5 U; 0 Other;
 Query Match 3.9%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 7.9e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
 QY 973 TAAATCTCGGTATGG 988
 ||||| : : : : :
 Db 17 TAAATCTGGAGTCAGG 2
 RESULT 1230
 ABK01106
 ID ABK01106 standard; RNA; 17 BP.
 XX
 AC ABK01106;
 XX
 DT 12-MAR-2002 (first entry)
 XX
 DE Human NOGO Inozyme #376.
 XX
 KW Human; ss; antisense therapy; cytostatic; antiinflammatory; haemostatic;
 KW cerebroprotective; neurotropic; neuroprotective; antiparkinsonian;
 KW muscular; CD20; neurite growth inhibitor gene; NOGO; hammerhead ribozyme;
 KW DNazyme; inozyme; G-cleaver; amberyzyme; zinzyme; lymphoma; leukaemia;
 KW B-cell lymphoma; non-Hodgkin's lymphoma; NHL; lymphocytic leukaemia;
 KW human immunodeficiency virus; HIV associated NHL; mantle-cell lymphoma;
 KW MCL; immunocytoma; IMC; immune thrombocytopaenia; stroke; dementia;
 KW inflammatory arthropathy; central nervous system injury;
 KW cerebrovascular accident; CVA; Alzheimer's disease; multiple sclerosis;
 KW chemotherapy-induced neuropathy; amyotrophic lateral sclerosis; ALS;
 KW Parkinson's disease; ataxia; Huntington's disease;
 KW Creutzfeldt-Jakob disease; muscular dystrophy; neurodegenerative disease.
 XX
 OS Homo sapiens.
 OS Synthetic.
 XX
 PN WO200159103-A2.
 XX
 PD 16-AUG-2001.
 XX
 PF 09-FEB-2001; 2001WO-US004273.
 XX
 PR 11-FEB-2000; 2000US-0181797P.
 PR 28-FEB-2000; 2000US-0185516P.
 PR 06-MAR-2000; 2000US-0187128P.
 XX
 PA (RIBO-) RIBOZYME PHARM INC.
 PA (BLAT/) BLATT L.
 PA (MCSW/) MCSWIGGEN J.
 PA (CHOW/) CHOWIRA B M.
 XX
 XX Blatt L, Meswigen J, Chowira BM;
 XX WPI; 2001-607195/69.
 XX
 PT Nucleic acid molecules, e.g., enzymatic nucleic acids and antisense
 PT constructs, which down regulate expression of a CD20 gene or neurite
 PT growth inhibitor gene useful for treating, e.g., lymphoma, leukemia, and
 PT central nervous system injury.
 XX
 XX Claim 88; Page 70; 200pp; English.
 XX
 CC The invention relates to a nucleic acid molecule which down regulates
 CC expression of a CD20 gene and a nucleic acid molecule which down
 CC regulates expression of a neurite growth inhibitor gene (NOGO). The
 CC nucleic acids may be enzymatic nucleic acids (e.g. a ribozyme or a
 CC DNazyme) an inozyme (an endolytic nucleic acid cleaving a an RNA molecule
 CC possessing an NCH motif), a G-cleaver (cleaving RNA with a NYN motif) pr

PA (RIBO-) RIBOZYME PHARM INC.
PA (BLAT/) BLATT L.
PA (MCSW/) MCSWIGGEN J.
PA (CHOW/) CHOWHIRA B M.
XX
PI Blatt L, Mcswiggen J, Chowhira BM;
XX WPI; 2001-607195/69.
XX
XX Nucleic acid molecules, e.g., enzymatic nucleic acids and antisense
PT constructs, which down regulate expression of a CD20 gene or neurite
PT growth inhibitor gene useful for treating, e.g., lymphoma, leukemia, and
PT central nervous system injury.
XX
XX Claim 88; Page 84; 200pp; English.
XX
XX The invention relates to a nucleic acid molecule which down regulates
CC expression of a CD20 gene and a nucleic acid molecule which down
CC regulates expression of a neurite growth inhibitor gene (NOGO). The
CC nucleic acids may be enzymatic nucleic acids (e.g. a ribozyme or a
CC DNzyme) an inozyme (an endolytic nucleic acid cleaving an RNA molecule
CC possessing an NCH motif), a G-cleaver (cleaving RNA with a NYN motif) or
CC an amberzyme (cleaving RNA with an NGN triplet), a zinzyme (cleaving RNA
CC with a YGY motif). The CD20-targetting nucleic acid is used to cleave RNA
CC of CD20 in the presence of a divalent cation that is preferably Mg²⁺.
CC Furthermore, it may be contacted with a cell to reduce CD20 activity of
CC the cell and treat a patient having a condition associated with the level
CC of CD20. The treatment may further comprise the use of one or more
CC therapies. In particular, the CD20 targeting nucleic acid may be used to
CC treat lymphoma, leukemia, B-cell lymphoma, low-grade or follicular non-
CC Hodgkin's lymphoma (NHL), bulky low-grade or follicular NHL, lymphocytic
CC leukemia, HIV (human immunodeficiency virus) associated NHL, mantle-cell
CC lymphoma (MCL), immunocytoma (IMC), small B-cell lymphocytic lymphoma,
CC immune thrombocytopaenia, and inflammatory arthropathy. The NOGO-
CC targeting nucleic acid is used to cleave RNA of the NOGO gene in the
CC presence of a divalent cation that is preferably Mg²⁺. Furthermore, the
CC nucleic acid may be contacted with a cell to reduce NOGO activity of the
CC cell and treat a patient having a condition associated with the level of
CC NOGO. The treatment may further comprise the use of one or more
CC therapies. In particular, the NOGO-targetting nucleic acid may be used to
CC treat central nervous system (CNS) injury and cerebrovascular accident
CC (CVA, stroke), Alzheimer's disease, dementia, multiple sclerosis (MS),
CC chemotherapy-induced neuropathy, amyotrophic lateral sclerosis (ALS),
CC Parkinson's disease, ataxia, Huntington's disease, Creutzfeldt-Jakob
CC disease, muscular dystrophy, and/or other neurodegenerative disease
CC states which respond to the modulation of NOGO expression. The present
CC sequence is an inozyme of the invention
XX
XX Sequence 17 BP; 8 A; 3 C; 4 G; 0 T; 2 U; 0 Other;
SQ

Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 7.9e+02;
Matches 12; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 951 AAGAGAGCCCAATTG 966
Db 1 AAGAGGCCCAAAUAG 16
|||||
|||||

RESULT 1231
ABX02368/c
ID ABX02368 standard; RNA; 17 BP.
XX
AC ABX02368;
XX
XX 12-MAR-2002 (first entry)
DT
XX Human NOGO Amberzyme #40.
DE
XX Human; ss; antisense therapy; cytostatic; antiinflammatory; haemostatic;
KW cerebroprotective; nootropic; neuroprotective; antiparkinsonian;
KW muscular; CD20; neurite growth inhibitor gene; NOGO; hammerhead ribozyme;
KW DNzyme; inozyme; G-cleaver; amberzyme; zinzyme; lymphoma; leukaemia;

KW B-cell lymphoma; non-Hodgkin's lymphoma; NHL; lymphocytic leukaemia;
KW human immunodeficiency virus; HIV associated NHL; mantle-cell lymphoma;
KW MCL; immunocytoma; IMC; immune thrombocytopaenia; stroke; dementia;
KW inflammatory arthropathy; central nervous system injury;
KW cerebrovascular accident; CVA; Alzheimer's disease; multiple sclerosis;
KW chemotherapy-induced neuropathy; amyotrophic lateral sclerosis; ALS;
KW Parkinson's disease; ataxia; Huntington's disease;
KW Creutzfeldt-Jakob disease; muscular dystrophy; neurodegenerative disease.
XX
XX Homo sapiens.
OS
OS Synthetic.
XX
XX WO200159103-A2.
FN
XX
XX 16-AUG-2001.
PD
XX
XX 09-FEB-2001; 2001WO-US004273.
PE
XX
XX 11-FEB-2000; 2000US-0181797P.
PR
XX 28-FEB-2000; 2000US-0185516P.
PR
XX 06-MAR-2000; 2000US-0187128P.
PR
XX (RIBO-) RIBOZYME PHARM INC.
PA (BLAT/) BLATT L.
PA (MCSW/) MCSWIGGEN J.
PA (CHOW/) CHOWHIRA B M.
XX
XX Blatt L, Mcswiggen J, Chowhira BM;
PI
XX WPI; 2001-607195/69.
XX
XX Nucleic acid molecules, e.g., enzymatic nucleic acids and antisense
PT constructs, which down regulate expression of a CD20 gene or neurite
PT growth inhibitor gene useful for treating, e.g., lymphoma, leukemia, and
PT central nervous system injury.
XX
XX Claim 88; Page 131; 200pp; English.
XX
XX The invention relates to a nucleic acid molecule which down regulates
CC expression of a CD20 gene and a nucleic acid molecule which down
CC regulates expression of a neurite growth inhibitor gene (NOGO). The
CC nucleic acids may be enzymatic nucleic acids (e.g. a ribozyme or a
CC DNzyme) an inozyme (an endolytic nucleic acid cleaving an RNA molecule
CC possessing an NCH motif), a G-cleaver (cleaving RNA with a NYN motif) or
CC an amberzyme (cleaving RNA with an NGN triplet), a zinzyme (cleaving RNA
CC with a YGY motif). The CD20-targetting nucleic acid is used to cleave RNA
CC of CD20 in the presence of a divalent cation that is preferably Mg²⁺.
CC Furthermore, it may be contacted with a cell to reduce CD20 activity of
CC the cell and treat a patient having a condition associated with the level
CC of CD20. The treatment may further comprise the use of one or more
CC therapies. In particular, the CD20 targeting nucleic acid may be used to
CC treat lymphoma, leukemia, B-cell lymphoma, low-grade or follicular non-
CC Hodgkin's lymphoma (NHL), bulky low-grade or follicular NHL, lymphocytic
CC leukemia, HIV (human immunodeficiency virus) associated NHL, lymphocytic
CC lymphoma (MCL), immunocytoma (IMC), small B-cell lymphocytic lymphoma,
CC immune thrombocytopaenia, and inflammatory arthropathy. The NOGO-
CC targeting nucleic acid is used to cleave RNA of the NOGO gene in the
CC presence of a divalent cation that is preferably Mg²⁺. Furthermore, the
CC nucleic acid may be contacted with a cell to reduce NOGO activity of the
CC cell and treat a patient having a condition associated with the level of
CC NOGO. The treatment may further comprise the use of one or more
CC therapies. In particular, the CD20 targeting nucleic acid may be used to
CC treat lymphoma, leukemia, B-cell lymphoma, low-grade or follicular non-
CC Hodgkin's lymphoma (NHL), bulky low-grade or follicular NHL, lymphocytic
CC leukemia, HIV (human immunodeficiency virus) associated NHL, lymphocytic
CC lymphoma (MCL), immunocytoma (IMC), small B-cell lymphocytic lymphoma,
CC immune thrombocytopaenia, and inflammatory arthropathy. The NOGO-
CC targeting nucleic acid is used to cleave RNA of the NOGO gene in the
CC presence of a divalent cation that is preferably Mg²⁺. Furthermore, the
CC nucleic acid may be contacted with a cell to reduce NOGO activity of the
CC cell and treat a patient having a condition associated with the level of
CC NOGO. The treatment may further comprise the use of one or more
CC therapies. In particular, the NOGO-targetting nucleic acid may be used to
CC treat central nervous system (CNS) injury and cerebrovascular accident
CC (CVA, stroke), Alzheimer's disease, dementia, multiple sclerosis (MS),
CC chemotherapy-induced neuropathy, amyotrophic lateral sclerosis (ALS),
CC Parkinson's disease, ataxia, Huntington's disease, Creutzfeldt-Jakob
CC disease, muscular dystrophy, and/or other neurodegenerative disease
CC states which respond to the modulation of NOGO expression. The present
CC sequence is an amberzyme molecule of the invention
XX
XX Sequence 17 BP; 7 A; 1 C; 9 G; 0 T; 0 U; 0 Other;
SQ

Query Match 3.9%; Score 11.2; DB 1; Length 17;
Sequence 17 BP; 7 A; 1 C; 9 G; 0 T; 0 U; 0 Other;

Best Local Similarity 81.2%; Pred. No. 7.9e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 760 CCTAGGCTCCACATTC 775
||| ||||| |||||
Db 16 CCTGCTCCTCCTCTTC 1

RESULT 1232
ABA77938
ID ABA77938 standard; DNA; 17 BP.
XX
AC ABA77938;
XX
DT 24-JAN-2002 (first entry)
XX
DE BRCA1 mutation correcting oligonucleotide SEQ ID NO: 784.
XX
KW Human; gene therapy; adenosine deaminase deficiency; p53; beta-globin;
KW retinoblastoma; BRCA1; BRCA2; CFTR; cystic fibrosis; Cancer; Factor V;
KW cyclin-dependent kinase inhibitor 2A; CDKN2A; melanoma; APC; HBA1; HBA2;
KW adenomatous polyposis of the colon; Factor VII; Factor IX; thrombosis;
KW haemophilia; alpha thalassaemia; haemoglobin alpha locus 1; MLH1; APOE;
KW mismatch repair; MSH2; MSH6; hyperlipidaemia; apolipoprotein E; LDLR;
KW familial hypercholesterolaemia; UGT1; syndrome; APP; PSEN1; antisense;
KW UDP-glucuronosyltransferase; amyloid precursor protein; presenilin-1;
KW Alzheimer's disease; cytostatic; antisickling; antianaemic; haemostatic;
KW antilipemic; ss.
XX
OS Homo sapiens.
XX
FN WO200173002-A2.
XX
PD 04-OCT-2001.
XX
PF 27-MAR-2001; 2001WO-US009761.
XX
PR 27-MAR-2000; 2000US-0192176P.
PR 27-MAR-2000; 2000US-0192179P.
PR 01-JUN-2000; 2000US-0208538P.
PR 30-OCT-2000; 2000US-0244989P.
XX
PA (UYDE) UNIV DELAWARE.
XX
PI Kmiec EB, Gamper HB, Rice MC;
XX
DR WPI; 2001-639230/73.
XX
PT Oligonucleotide for targeted alterations of genetic sequences and for
PT treating cystic fibrosis, comprises at least one mismatch and chemical
PT modification.
XX
PS Claim 7; Page 92; 294pp; English.
XX
CC The present invention provides single-stranded oligonucleotides which can
CC be used for the targeted alteration of genomic sequences, where the
CC oligonucleotide has at least one mismatch compared with the genomic
CC sequence to be altered. In particular, these sequences are directed at
CC the following genes: adenosine deaminase, p53, beta-globin,
CC retinoblastoma, BRCA1, BRCA2, CFTR, cyclin-dependent kinase inhibitor 2A
CC (CDKN2A), APC, Factor V, Factor VII, Factor IX, haemoglobin alpha locus
CC 1 (HBA1), haemoglobin alpha locus 2 (HBA2), MLH1, MSH2, MSH6,
CC apolipoprotein E (APOE), LDL receptor (LDLR), UDP-glucuronosyltransferase
CC (UGT1), amyloid precursor protein (APC), presenilin-1 (PSEN1) and
CC presenilin-2 (PSEN2). These can be used in the gene therapy of diseases
CC such as cancer, adenosine deaminase deficiency, cystic fibrosis,
CC haemophilia, hypercholesterolaemia, thalassaemia, sickle cell anaemia,
CC Alzheimer's disease, melanoma, adenomatous polyposis of the colon and
CC various syndromes. The present sequence is one of the gene correcting
CC oligonucleotides of the invention
XX
SQ Sequence 17 BP; 3 A; 5 C; 3 G; 6 T; 0 U; 0 Other;

Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.9e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 874 ACTTTCCTGAGATGCA 889
||||| ||||| ||
Db 1 ACTTTCCTGAGTGCCA 16

RESULT 1233
ABA79157/c
ID ABA79157 standard; DNA; 17 BP.
XX
AC ABA79157;
XX
DT 24-JAN-2002 (first entry)
XX
DE Factor VIII mutation correcting oligonucleotide SEQ ID NO: 2003.
XX
KW Human; gene therapy; adenosine deaminase deficiency; p53; beta-globin;
KW retinoblastoma; BRCA1; BRCA2; CFTR; cystic fibrosis; Cancer; Factor V;
KW cyclin-dependent kinase inhibitor 2A; CDKN2A; melanoma; APC; HBA1; HBA2;
KW adenomatous polyposis of the colon; Factor VII; Factor IX; thrombosis;
KW haemophilia; alpha thalassaemia; haemoglobin alpha locus 1; MLH1; APOE;
KW mismatch repair; MSH2; MSH6; hyperlipidaemia; apolipoprotein E; LDLR;
KW familial hypercholesterolaemia; UGT1; syndrome; APP; PSEN1; antisense;
KW UDP-glucuronosyltransferase; amyloid precursor protein; presenilin-1;
KW Alzheimer's disease; cytostatic; antisickling; antianaemic; haemostatic;
KW antilipemic; ss.
XX
OS Homo sapiens.
XX
FN WO200173002-A2.
XX
PD 04-OCT-2001.
XX
PF 27-MAR-2001; 2001WO-US009761.
XX
PR 27-MAR-2000; 2000US-0192176P.
PR 27-MAR-2000; 2000US-0192179P.
PR 01-JUN-2000; 2000US-0208538P.
PR 30-OCT-2000; 2000US-0244989P.
XX
PA (UYDE) UNIV DELAWARE.
XX
PI Kmiec EB, Gamper HB, Rice MC;
XX
DR WPI; 2001-639230/73.
XX
PT Oligonucleotide for targeted alterations of genetic sequences and for
PT treating cystic fibrosis, comprises at least one mismatch and chemical
PT modification.
XX
PS Claim 7; Page 160; 294pp; English.
XX
CC The present invention provides single-stranded oligonucleotides which can
CC be used for the targeted alteration of genomic sequences, where the
CC oligonucleotide has at least one mismatch compared with the genomic
CC sequence to be altered. In particular, these sequences are directed at
CC the following genes: adenosine deaminase, p53, beta-globin,
CC retinoblastoma, BRCA1, BRCA2, CFTR, cyclin-dependent kinase inhibitor 2A
CC (CDKN2A), APC, Factor V, Factor VII, Factor IX, haemoglobin alpha locus
CC 1 (HBA1), haemoglobin alpha locus 2 (HBA2), MLH1, MSH2, MSH6,
CC apolipoprotein E (APOE), LDL receptor (LDLR), UDP-glucuronosyltransferase
CC (UGT1), amyloid precursor protein (APC), presenilin-1 (PSEN1) and
CC presenilin-2 (PSEN2). These can be used in the gene therapy of diseases
CC such as cancer, adenosine deaminase deficiency, cystic fibrosis,
CC haemophilia, hypercholesterolaemia, thalassaemia, sickle cell anaemia,
CC Alzheimer's disease, melanoma, adenomatous polyposis of the colon and
CC various syndromes. The present sequence is one of the gene correcting
CC oligonucleotides of the invention
XX
SQ Sequence 17 BP; 4 A; 3 C; 5 G; 5 T; 0 U; 0 Other;

Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.9e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 878 TCTGTGAGTGCACCTTA 893
| | | | | | | | | | | | | | | | |
DB 17 TCTGAAGTGCACCTCA 2

RESULT 1234
ABA81352/c
ID ABA81352 standard; DNA; 17 BP.
XX AC
XX ABA81352;
XX DT
XX 24-JAN-2002 (first entry)
XX DE
XX PSEN1 mutation correcting oligonucleotide SEQ ID NO: 4198.
XX KW Human; gene therapy; adenosine deaminase deficiency; p53; beta-globin;
KW retinoblastoma; BRCA1; BRCA2; CFTR; cystic fibrosis; cancer; Factor V;
KW cyclin-dependent kinase inhibitor 2A; CDKN2A; melanoma; APC; HBA1; HBA2;
KW adenomatous polyposis of the colon; Factor VII; Factor IX; thrombosis;
KW haemophilia; alpha thalassaemia; haemoglobin alpha locus 1; MLH1; APOE;
KW mismatch repair; MSH2; MSH6; hyperlipidaemia; apolipoprotein E; LDLR;
KW familial hypercholesterolaemia; UGT1; syndrome; APP; PSEN1; antisense;
KW UDP-glucuronosyltransferase; amyloid precursor protein; presenilin-1;
KW Alzheimer's disease; cytostatic; antickling; antianaemic; haemostatic;
KW antileptic; ss.
XX OS Homo sapiens.
XX KW WO200173002-A2.
XX PN
XX PD 04-OCT-2001.
XX XX
XX 27-MAR-2001; 2001WO-US009761.
XX XX
XX 27-MAR-2000; 2000US-0192176P.
PR 27-MAR-2000; 2000US-0192179P.
PR 01-JUN-2000; 2000US-0208538P.
PR 30-OCT-2000; 2000US-0244989P.
XX XX
XX (UYDE) UNIV DELAWARE.
XX XX
XX Kmiec EB, Gamper HB, Rice MC;
XX WPI; 2001-639230/73.
XX DR
XX Oligonucleotide for targeted alterations of genetic sequences and for
PT treating cystic fibrosis, comprises at least one mismatch and chemical
PT modification.
XX XX
XX Claim 7; Page 270; 294pp; English.
XX XX
XX The present invention provides single-stranded oligonucleotides which can
CC be used for the targeted alteration of genomic sequences, where the
CC oligonucleotide has at least one mismatch compared with the genomic
CC sequence to be altered. In particular, these sequences are directed at
CC the following genes: adenosine deaminase, p53, beta-globin,
CC retinoblastoma, BRCA1, BRCA2, CFTR, cyclin-dependent kinase inhibitor 2A
CC (CDKN2A), APC, Factor V, Factor VII, Factor IX, haemoglobin alpha locus
CC 1 (HBA1), haemoglobin alpha locus 2 (HBA2), MLH1, MSH2, MSH6,
CC apolipoprotein E (APOE), LDL receptor (LDLR), UDP-glucuronosyltransferase
CC (UGT1), amyloid precursor protein (APP), presenilin-1 (PSEN1) and
CC presenilin-2 (PSEN2). These can be used in the gene therapy of diseases
CC such as cancer, adenosine deaminase deficiency, cystic fibrosis,
CC haemophilia, hypercholesterolaemia, thalassaemia, sickle cell anaemia,
CC Alzheimer's disease, melanoma, adenomatous polyposis of the colon and
CC various syndromes. The present sequence is one of the gene correcting
CC oligonucleotides of the invention

SQ Sequence 17 BP; 3 A; 0 C; 8 G; 6 T; 0 U; 0 Other;
Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.9e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 918 ATCATCACCACCC 933
| | | | | | | | | | | | | | | | |
DB 16 ATCATCCACCACAC 1

RESULT 1235
ABA79156
ID ABA79156 standard; DNA; 17 BP.
XX AC
XX ABA79156;
XX DT
XX 24-JAN-2002 (first entry)
XX DE
XX Factor VIII mutation correcting oligonucleotide SEQ ID NO: 2002.
XX KW Human; gene therapy; adenosine deaminase deficiency; p53; beta-globin;
KW retinoblastoma; BRCA1; BRCA2; CFTR; cystic fibrosis; cancer; Factor V;
KW cyclin-dependent kinase inhibitor 2A; CDKN2A; melanoma; APC; HBA1; HBA2;
KW adenomatous polyposis of the colon; Factor VII; Factor IX; thrombosis;
KW haemophilia; alpha thalassaemia; haemoglobin alpha locus 1; MLH1; APOE;
KW mismatch repair; MSH2; MSH6; hyperlipidaemia; apolipoprotein E; LDLR;
KW familial hypercholesterolaemia; UGT1; syndrome; APP; PSEN1; antisense;
KW UDP-glucuronosyltransferase; amyloid precursor protein; presenilin-1;
KW Alzheimer's disease; cytostatic; antickling; antianaemic; haemostatic;
KW antileptic; ss.
XX OS Homo sapiens.
XX KW WO200173002-A2.
XX PN
XX PD 04-OCT-2001.
XX XX
XX 27-MAR-2001; 2001WO-US009761.
XX XX
XX 27-MAR-2000; 2000US-0192176P.
PR 27-MAR-2000; 2000US-0192179P.
PR 01-JUN-2000; 2000US-0208538P.
PR 30-OCT-2000; 2000US-0244989P.
XX XX
XX (UYDE) UNIV DELAWARE.
XX XX
XX Kmiec EB, Gamper HB, Rice MC;
XX WPI; 2001-639230/73.
XX DR
XX Oligonucleotide for targeted alterations of genetic sequences and for
PT treating cystic fibrosis, comprises at least one mismatch and chemical
PT modification.
XX XX
XX Claim 7; Page 160; 294pp; English.
XX XX
XX The present invention provides single-stranded oligonucleotides which can
CC be used for the targeted alteration of genomic sequences, where the
CC oligonucleotide has at least one mismatch compared with the genomic
CC sequence to be altered. In particular, these sequences are directed at
CC the following genes: adenosine deaminase, p53, beta-globin,
CC retinoblastoma, BRCA1, BRCA2, CFTR, cyclin-dependent kinase inhibitor 2A
CC (CDKN2A), APC, Factor V, Factor VII, Factor IX, haemoglobin alpha locus
CC 1 (HBA1), haemoglobin alpha locus 2 (HBA2), MLH1, MSH2, MSH6,
CC apolipoprotein E (APOE), LDL receptor (LDLR), UDP-glucuronosyltransferase
CC (UGT1), amyloid precursor protein (APP), presenilin-1 (PSEN1) and
CC presenilin-2 (PSEN2). These can be used in the gene therapy of diseases
CC such as cancer, adenosine deaminase deficiency, cystic fibrosis,
CC haemophilia, hypercholesterolaemia, thalassaemia, sickle cell anaemia,
CC Alzheimer's disease, melanoma, adenomatous polyposis of the colon and
CC various syndromes. The present sequence is one of the gene correcting
CC oligonucleotides of the invention

XX SQ Sequence 17 BP; 5 A; 5 C; 3 G; 4 T; 0 U; 0 Other;
 Query Match 3.9%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 7.9e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 878 TCCTGAGATGCACCTTA 893
 ||||| ||||| |
 Db 1 TCCTGAGATGCACCTCA 16

RESULT 1236
 ABA78153
 ID ABA78153 standard; DNA; 17 BP.
 AC ABA78153;
 XX
 DT 24-JAN-2002 (first entry)
 XX
 DE BCRA1 mutation correcting oligonucleotide SEQ ID NO: 999.
 XX
 KW Human; gene therapy; adenosine deaminase deficiency; p53; beta-globin;
 KW retinoblastoma; BRCA1; BRCA2; CFTR; cystic fibrosis; cancer; Factor V;
 KW cyclin-dependent kinase inhibitor 2A; CDKN2A; melanoma; APC; HBA1; HBA2;
 KW adenomatous polyposis of the colon; Factor VII; Factor IX; thrombosis;
 KW haemophilia; alpha thalassemia; haemoglobin alpha locus 1; MLH1; APOE;
 KW mismatch repair; MSH2; MSH6; hyperlipidaemia; apolipoprotein E; LDLR;
 KW familial hypercholesterolaemia; UGT1; syndrome; APP; PSEN1; antisense;
 KW UDP-glucuronosyltransferase; amyloid precursor protein; presenilin-1;
 KW Alzheimer's disease; cytosstatic; antiskicking; antianaemic; haemostatic;
 KW antilipemic; ss.
 XX
 OS Homo sapiens.
 XX
 FN WO200173002-A2.
 XX
 PD 04-OCT-2001.
 XX
 PF 27-MAR-2001; 2001WO-US009761.
 XX
 PR 27-MAR-2000; 2000US-0192176P.
 PR 27-MAR-2000; 2000US-0192179P.
 PR 01-JUN-2000; 2000US-0208538P.
 PR 30-OCT-2000; 2000US-0244989P.
 XX
 PA (UYDE) UNIV DELAWARE.
 XX
 PI Kmiec EB, Gamper HB, Rice MC;
 XX
 DR WPI; 2001-639230/73.
 XX
 PT Oligonucleotide for targeted alterations of genetic sequences and for
 PT treating cystic fibrosis, comprises at least one mismatch and chemical
 PT modification.
 XX
 PS Claim 7; Page 104; 294pp; English.
 XX
 CC The present invention provides single-stranded oligonucleotides which can
 CC be used for the targeted alteration of genomic sequences, where the
 CC oligonucleotide has at least one mismatch compared with the genomic
 CC sequence to be altered. In particular, these sequences are directed at
 CC the following genes: adenosine deaminase, p53, beta-globin,
 CC retinoblastoma, BRCA1, BRCA2, CFTR, cyclin-dependent kinase inhibitor 2A
 CC (CDKN2A), APC, Factor V, Factor VII, Factor IX, haemoglobin alpha locus
 CC 1 (HBA1), haemoglobin alpha locus 2 (HBA2), MLH1, MSH2, MSH6,
 CC apolipoprotein E (APOE), LDL receptor (LDLR), UDP-glucuronosyltransferase
 CC (UGT1), amyloid precursor protein (APC), presenilin-1 (PSEN1) and
 CC presenilin-2 (PSEN2). These can be used in the gene therapy of diseases
 CC such as cancer, adenosine deaminase deficiency, cystic fibrosis,
 CC haemophilia, hypercholesterolaemia, thalassemia, sickle cell anaemia,
 CC Alzheimer's disease, melanoma, adenomatous polyposis of the colon and
 CC various syndromes. The present sequence is one of the gene correcting

CC oligonucleotides of the invention
 XX
 SQ Sequence 17 BP; 7 A; 4 C; 5 G; 1 T; 0 U; 0 Other;
 Query Match 3.9%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 7.9e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 707 GCGAGTCCCGAGAG 722
 ||||| ||||| |
 Db 1 GAGATCCCGAGAG 16

RESULT 1237
 ABA78154/C
 ID ABA78154 standard; DNA; 17 BP.
 XX
 AC ABA78154;
 XX
 DT 24-JAN-2002 (first entry)
 XX
 DE BCRA1 mutation correcting oligonucleotide SEQ ID NO: 1000.
 XX
 KW Human; gene therapy; adenosine deaminase deficiency; p53; beta-globin;
 KW retinoblastoma; BRCA1; BRCA2; CFTR; cystic fibrosis; cancer; Factor V;
 KW cyclin-dependent kinase inhibitor 2A; CDKN2A; melanoma; APC; HBA1; HBA2;
 KW adenomatous polyposis of the colon; Factor VII; Factor IX; thrombosis;
 KW haemophilia; alpha thalassemia; haemoglobin alpha locus 1; MLH1; APOE;
 KW mismatch repair; MSH2; MSH6; hyperlipidaemia; apolipoprotein E; LDLR;
 KW familial hypercholesterolaemia; UGT1; syndrome; APP; PSEN1; antisense;
 KW UDP-glucuronosyltransferase; amyloid precursor protein; presenilin-1;
 KW Alzheimer's disease; cytosstatic; antiskicking; antianaemic; haemostatic;
 KW antilipemic; ss.
 XX
 OS Homo sapiens.
 XX
 FN WO200173002-A2.
 XX
 PD 04-OCT-2001.
 XX
 PF 27-MAR-2001; 2001WO-US009761.
 XX
 PR 27-MAR-2000; 2000US-0192176P.
 PR 27-MAR-2000; 2000US-0192179P.
 PR 01-JUN-2000; 2000US-0208538P.
 PR 30-OCT-2000; 2000US-0244989P.
 XX
 PA (UYDE) UNIV DELAWARE.
 XX
 PI Kmiec EB, Gamper HB, Rice MC;
 XX
 DR WPI; 2001-639230/73.
 XX
 PT Oligonucleotide for targeted alterations of genetic sequences and for
 PT treating cystic fibrosis, comprises at least one mismatch and chemical
 PT modification.
 XX
 PS Claim 7; Page 104; 294pp; English.
 XX
 CC The present invention provides single-stranded oligonucleotides which can
 CC be used for the targeted alteration of genomic sequences, where the
 CC oligonucleotide has at least one mismatch compared with the genomic
 CC sequence to be altered. In particular, these sequences are directed at
 CC the following genes: adenosine deaminase, p53, beta-globin,
 CC retinoblastoma, BRCA1, BRCA2, CFTR, cyclin-dependent kinase inhibitor 2A
 CC (CDKN2A), APC, Factor V, Factor VII, Factor IX, haemoglobin alpha locus
 CC 1 (HBA1), haemoglobin alpha locus 2 (HBA2), MLH1, MSH2, MSH6,
 CC apolipoprotein E (APOE), LDL receptor (LDLR), UDP-glucuronosyltransferase
 CC (UGT1), amyloid precursor protein (APC), presenilin-1 (PSEN1) and
 CC presenilin-2 (PSEN2). These can be used in the gene therapy of diseases
 CC such as cancer, adenosine deaminase deficiency, cystic fibrosis,
 CC haemophilia, hypercholesterolaemia, thalassemia, sickle cell anaemia,
 CC Alzheimer's disease, melanoma, adenomatous polyposis of the colon and

CC various syndromes. The present sequence is one of the gene correcting
CC oligonucleotides of the invention

XX Sequence 17 BP; 1 A; 5 C; 4 G; 7 T; 0 U; 0 Other;
SQ Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.9e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 707 GCGAGTCCCGAGGAG 722
Db 17 GAGATCCCGAGGAG 2

RESULT 1238
ABR77677/c
ID ABR77677 standard; DNA; 17 BP.
XX AC ABR77677;
XX DT 24-JAN-2002 (first entry)
XX DE Retinoblastoma mutation correcting oligonucleotide SEQ ID NO: 523.
XX Human; gene therapy; adenosine deaminase deficiency; p53; beta-globin;
KW retinoblastoma; BRCA1; BRCA2; CFTR; cystic fibrosis; cancer; Factor V;
KW cyclin-dependent kinase inhibitor 2A; CDKN2A; melanoma; APC; HBA1; HBA2;
KW adenomatous polyposis of the colon; Factor VII; Factor IX; thrombosis;
KW haemophilia; alpha thalassemia; haemoglobin alpha locus 1; MLH1; APOE;
KW mismatch repair; MSH2; MSH6; hyperlipidaemia; apolipoprotein E; LDLR;
KW familial hypercholesterolaemia; UGT1; syndrome; APP; PSEN1; antisense;
KW UDP-glucuronosyltransferase; amyloid precursor protein; presenilin-1;
KW Alzheimer's disease; cytostatic; antiskilling; antianaemic; haemostatic;
KW antileptic; ss.

XX Homo sapiens.
OS WO200173002-A2.
XX PD 04-OCT-2001.
XX PF 27-MAR-2001; 2001WO-US009761.
XX PR 27-MAR-2000; 2000US-0192176P.
XX PR 27-MAR-2000; 2000US-0192179P.
XX PR 01-JUN-2000; 2000US-0208538P.
XX PR 30-OCT-2000; 2000US-0244989P.
XX PA (UYDE) UNIV DELAWARE.

XX Kmiec EB, Gamper HB, Rice MC;
XX WPI; 2001-639230/73.

XX Oligonucleotide for targeted alterations of genetic sequences and for
PT treating cystic fibrosis, comprises at least one mismatch and chemical
PT modification.

XX Claim 7; Page 75; 294pp; English.

XX The present invention provides single-stranded oligonucleotides which can
CC be used for the targeted alteration of genomic sequences, where the
CC oligonucleotide has at least one mismatch compared with the genomic
CC sequence to be altered. In particular, these sequences are directed at
CC the following genes: adenosine deaminase, p53, beta-globin,
CC retinoblastoma, BRCA1, BRCA2, CFTR, cyclin-dependent kinase inhibitor 2A
CC (CDKN2A), APC, Factor V, Factor VII, Factor IX, haemoglobin alpha locus
CC 1 (HBA1), haemoglobin alpha locus 2 (HBA2), MLH1, MSH2, MSH6,
CC apolipoprotein E (APOE), LDL receptor (LDLR), UDP-glucuronosyltransferase
CC (UGT1), amyloid precursor protein (APC), presenilin-1 (PSEN1) and
CC presenilin-2 (PSEN2). These can be used in the gene therapy of diseases
CC such as cancer, adenosine deaminase deficiency, cystic fibrosis,
CC haemophilia, hypercholesterolaemia, thalassemia, sickle cell anaemia,

CC Alzheimer's disease, melanoma, adenomatous polyposis of the colon and
CC various syndromes. The present sequence is one of the gene correcting
CC oligonucleotides of the invention

XX Sequence 17 BP; 9 A; 1 C; 3 G; 4 T; 0 U; 0 Other;
SQ Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.9e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 862 TCCAGTTGGACACTT 877
Db 16 TCCATTTGTAATACTT 1

RESULT 1239
ABA81112/c
ID ABA81112 standard; DNA; 17 BP.
XX AC ABA81112;
XX DT 24-JAN-2002 (first entry)
XX DE LDLR mutation correcting oligonucleotide SEQ ID NO: 3958.
XX Human; gene therapy; adenosine deaminase deficiency; p53; beta-globin;
KW retinoblastoma; BRCA1; BRCA2; CFTR; cystic fibrosis; cancer; Factor V;
KW cyclin-dependent kinase inhibitor 2A; CDKN2A; melanoma; APC; HBA1; HBA2;
KW adenomatous polyposis of the colon; Factor VII; Factor IX; thrombosis;
KW haemophilia; alpha thalassemia; haemoglobin alpha locus 1; MLH1; APOE;
KW mismatch repair; MSH2; MSH6; hyperlipidaemia; apolipoprotein E; LDLR;
KW familial hypercholesterolaemia; UGT1; syndrome; APP; PSEN1; antisense;
KW UDP-glucuronosyltransferase; amyloid precursor protein; presenilin-1;
KW Alzheimer's disease; cytostatic; antiskilling; antianaemic; haemostatic;
KW antileptic; ss.

XX Homo sapiens.
OS WO200173002-A2.
XX PD 04-OCT-2001.
XX PF 27-MAR-2001; 2001WO-US009761.
XX PR 27-MAR-2000; 2000US-0192176P.
XX PR 27-MAR-2000; 2000US-0192179P.
XX PR 01-JUN-2000; 2000US-0208538P.
XX PR 30-OCT-2000; 2000US-0244989P.
XX PA (UYDE) UNIV DELAWARE.

XX Kmiec EB, Gamper HB, Rice MC;
XX WPI; 2001-639230/73.

XX Oligonucleotide for targeted alterations of genetic sequences and for
PT treating cystic fibrosis, comprises at least one mismatch and chemical
PT modification.

XX Claim 7; Page 257; 294pp; English.

XX The present invention provides single-stranded oligonucleotides which can
CC be used for the targeted alteration of genomic sequences, where the
CC oligonucleotide has at least one mismatch compared with the genomic
CC sequence to be altered. In particular, these sequences are directed at
CC the following genes: adenosine deaminase, p53, beta-globin,
CC retinoblastoma, BRCA1, BRCA2, CFTR, cyclin-dependent kinase inhibitor 2A
CC (CDKN2A), APC, Factor V, Factor VII, Factor IX, haemoglobin alpha locus
CC 1 (HBA1), haemoglobin alpha locus 2 (HBA2), MLH1, MSH2, MSH6,
CC apolipoprotein E (APOE), LDL receptor (LDLR), UDP-glucuronosyltransferase
CC (UGT1), amyloid precursor protein (APC), presenilin-1 (PSEN1) and
CC presenilin-2 (PSEN2). These can be used in the gene therapy of diseases
CC such as cancer, adenosine deaminase deficiency, cystic fibrosis,

CC haemophilia, hypercholesterolaemia, thalassaemia, sickle cell anaemia,
 CC Alzheimer's disease, melanoma, adenomatous polyposis of the colon and
 CC various syndromes. The present sequence is one of the gene correcting
 CC oligonucleotides of the invention

SQ Sequence 17 BP; 4 A; 5 C; 5 G; 3 T; 0 U; 0 Other;
 Query Match 3.9%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 7.9e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 862 TCCAGTTGGACACTT 877
 Db 16 TCCAGTTGGACCTT 1

RESULT 1240
 ABA77678
 ID ABA77678 standard; DNA; 17 BP.
 AC ABA77678;
 XX
 DT 24-JAN-2002 (first entry)
 XX
 DE Retinoblastoma mutation correcting oligonucleotide SEQ ID NO: 524.
 XX
 KW Human; gene therapy; adenosine deaminase deficiency; p53; beta-globin;
 KW retinoblastoma; BRCA1; BRCA2; CFTR; cystic fibrosis; cancer; Factor V;
 KW cyclin-dependent kinase inhibitor 2A; CDKN2A; melanoma; APC; HBA1; HBA2;
 KW adenomatous polyposis of the colon; Factor VII; Factor IX; thrombosis;
 KW haemophilia; alpha thalassaemia; haemoglobin alpha locus 1; MLH1; APOE;
 KW mismatch repair; MSH2; MSH6; hyperlipidaemia; apolipoprotein E; LDLR;
 KW familial hypercholesterolaemia; UGT1; syndrome; APP; PSEN1; antisense;
 KW UDP-glucuronosyltransferase; amyloid precursor protein; presenilin-1;
 KW Alzheimer's disease; cytostatic; antiskilling; antinaemic; haemostatic;
 KW antilipemic; ss.
 XX
 OS Homo sapiens.
 XX
 PN WO200173002-A2.
 XX
 PD 04-OCT-2001.
 XX
 PF 27-MAR-2001; 2001WO-US009761.
 XX
 PR 27-MAR-2000; 2000US-0192176P.
 PR 27-MAR-2000; 2000US-0192179P.
 PR 01-JUN-2000; 2000US-0208538P.
 PR 30-OCT-2000; 2000US-0244989P.
 XX
 PA (UYDE) UNIV DELAWARE.
 XX
 PI Kmiec EB, Gamper HB, Rice MC;
 XX
 WPI; 2001-639230/73.
 XX
 PT Oligonucleotide for targeted alterations of genetic sequences and for
 PT treating cystic fibrosis, comprises at least one mismatch and chemical
 PT modification.
 XX
 PS Claim 7; Page 75; 294pp; English.
 XX
 CC The present invention provides single-stranded oligonucleotides which can
 CC be used for the targeted alteration of genomic sequences, where the
 CC oligonucleotide has at least one mismatch compared with the genomic
 CC sequence to be altered. In particular, these sequences are directed at
 CC the following genes: adenosine deaminase, p53, beta-globin,
 CC retinoblastoma, BRCA1, BRCA2, CFTR, cyclin-dependent kinase inhibitor 2A
 CC (CDKN2A), APC, Factor V, Factor VII, Factor IX, haemoglobin alpha locus
 CC 1 (HBA1), haemoglobin alpha locus 2 (HBA2), MLH1, MSH2, MSH6,
 CC apolipoprotein E (APOE), LDL receptor (LDLR), UDP-glucuronosyltransferase
 CC (UGT1), amyloid precursor protein (APC), presenilin-1 (PSEN1) and
 CC presenilin-2 (PSEN2). These can be used in the gene therapy of diseases

CC such as cancer, adenosine deaminase deficiency, cystic fibrosis,
 CC haemophilia, hypercholesterolaemia, thalassaemia, sickle cell anaemia,
 CC Alzheimer's disease, melanoma, adenomatous polyposis of the colon and
 CC various syndromes. The present sequence is one of the gene correcting
 CC oligonucleotides of the invention

SQ Sequence 17 BP; 4 A; 3 C; 1 G; 9 T; 0 U; 0 Other;
 Query Match 3.9%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 7.9e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 862 TCCAGTTGGACACTT 877
 Db 2 TCCAGTTGTATACCTT 17

RESULT 1241
 ABA80836/c
 ID ABA80836 standard; DNA; 17 BP.
 XX
 AC ABA80836;
 XX
 DT 24-JAN-2002 (first entry)
 XX
 DE LDLR mutation correcting oligonucleotide SEQ ID NO: 3682.
 XX
 KW Human; gene therapy; adenosine deaminase deficiency; p53; beta-globin;
 KW retinoblastoma; BRCA1; BRCA2; CFTR; cystic fibrosis; cancer; Factor V;
 KW cyclin-dependent kinase inhibitor 2A; CDKN2A; melanoma; APC; HBA1; HBA2;
 KW adenomatous polyposis of the colon; Factor VII; Factor IX; thrombosis;
 KW haemophilia; alpha thalassaemia; haemoglobin alpha locus 1; MLH1; APOE;
 KW mismatch repair; MSH2; MSH6; hyperlipidaemia; apolipoprotein E; LDLR;
 KW familial hypercholesterolaemia; UGT1; syndrome; APP; PSEN1; antisense;
 KW UDP-glucuronosyltransferase; amyloid precursor protein; presenilin-1;
 KW Alzheimer's disease; cytostatic; antiskilling; antinaemic; haemostatic;
 KW antilipemic; ss.
 XX
 OS Homo sapiens.
 XX
 PN WO200173002-A2.
 XX
 PD 04-OCT-2001.
 XX
 PF 27-MAR-2001; 2001WO-US009761.
 XX
 PR 27-MAR-2000; 2000US-0192176P.
 PR 27-MAR-2000; 2000US-0192179P.
 PR 01-JUN-2000; 2000US-0208538P.
 PR 30-OCT-2000; 2000US-0244989P.
 XX
 PA (UYDE) UNIV DELAWARE.
 XX
 PI Kmiec EB, Gamper HB, Rice MC;
 XX
 WPI; 2001-639230/73.
 XX
 PT Oligonucleotide for targeted alterations of genetic sequences and for
 PT treating cystic fibrosis, comprises at least one mismatch and chemical
 PT modification.
 XX
 PS Claim 7; Page 244; 294pp; English.
 XX
 CC The present invention provides single-stranded oligonucleotides which can
 CC be used for the targeted alteration of genomic sequences, where the
 CC oligonucleotide has at least one mismatch compared with the genomic
 CC sequence to be altered. In particular, these sequences are directed at
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 CC retinoblastoma, BRCA1, BRCA2, CFTR, cyclin-dependent kinase inhibitor 2A
 CC (CDKN2A), APC, Factor V, Factor VII, Factor IX, haemoglobin alpha locus
 CC 1 (HBA1), haemoglobin alpha locus 2 (HBA2), MLH1, MSH2, MSH6,
 CC apolipoprotein E (APOE), LDL receptor (LDLR), UDP-glucuronosyltransferase
 CC (UGT1), amyloid precursor protein (APC), presenilin-1 (PSEN1) and

CC presenilin-2 (PSEN2). These can be used in the gene therapy of diseases
CC such as cancer, adenosine deaminase deficiency, cystic fibrosis,
CC haemophilia, hypercholesterolaemia, thalassaemia, sickle cell anaemia,
CC Alzheimer's disease, melanoma, adenomatous polyposis of the colon and
CC various syndromes. The present sequence is one of the gene correcting
CC oligonucleotides of the invention
XX
SQ Sequence 17 BP; 4 A; 4 C; 3 G; 3 T; 0 U; 0 Other;
Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.9e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 862 TCCAGTTGGACACTT 877
DB 16 TCCCTTGGACACGT 1
RESULT 1242
ABA81113
ID ABA81113 standard; DNA; 17 BP.
XX
AC ABA81113;
XX
DT 24-JAN-2002 (first entry)
XX
DE LDLR mutation correcting oligonucleotide SEQ ID NO: 3959.
XX
KW Human; gene therapy; adenosine deaminase deficiency; p53; beta-globin;
KW retinoblastoma; BRCA1; BRCA2; CFTR; cystic fibrosis; cancer; Factor V;
KW cyclin-dependent kinase inhibitor 2A; CDKN2A; melanoma; APC; HBA1; HBA2;
KW adenomatous polyposis of the colon; Factor VII; Factor IX; thrombosis;
KW haemophilia; alpha thalassaemia; haemoglobin alpha locus 1; MLH1; APOE;
KW mismatch repair; MSH2; MSH6; hyperlipidaemia; apolipoprotein E; LDLR;
KW familial hypercholesterolaemia; UGT1; syndrome; APP; PSEN1; antisense;
KW UDP-glucuronosyltransferase; amyloid precursor protein; presenilin-1;
KW Alzheimer's disease; cytostatic; antiskilling; antianaemic; haemostatic;
KW antileptic; ss.
XX
OS Homo sapiens.
XX
PN WO200173002-A2.
XX
PD 04-OCT-2001.
XX
PF 27-MAR-2001; 2001WO-US009761.
XX
PR 27-MAR-2000; 2000US-0192176P.
PR 27-MAR-2000; 2000US-0192179P.
PR 01-JUN-2000; 2000US-0208538P.
PR 30-OCT-2000; 2000US-0244989P.
XX
PA (UYDE) UNIV DELAWARE.
XX
PI Kmiec EB, Gamper HB, Rice MC;
XX
XX WPI; 2001-639230/73.
XX
PT Oligonucleotide for targeted alterations of genetic sequences and for
PT treating cystic fibrosis, comprises at least one mismatch and chemical
PT modification.
XX
PS Claim 7; Page 257; 294pp; English.
XX
CC The present invention provides single-stranded oligonucleotides which can
CC be used for the targeted alteration of genomic sequences, where the
CC oligonucleotide has at least one mismatch compared with the genomic
CC sequence to be altered. In particular, these sequences are directed at
CC the following genes: adenosine deaminase, p53, beta-globin,
CC retinoblastoma, BRCA1, BRCA2, CFTR, cyclin-dependent kinase inhibitor 2A
CC (CDKN2A), APC, Factor V, Factor VII, Factor IX, haemoglobin alpha locus
CC 1 (HBA1), haemoglobin alpha locus 2 (HBA2), MLH1, MSH2, MSH6,
CC apolipoprotein E (APOE), LDL receptor (LDLR), UDP-glucuronosyltransferase

CC (UGT1), amyloid precursor protein (APC), presenilin-1 (PSEN1) and
CC presenilin-2 (PSEN2). These can be used in the gene therapy of diseases
CC such as cancer, adenosine deaminase deficiency, cystic fibrosis,
CC haemophilia, hypercholesterolaemia, thalassaemia, sickle cell anaemia,
CC Alzheimer's disease, melanoma, adenomatous polyposis of the colon and
CC various syndromes. The present sequence is one of the gene correcting
CC oligonucleotides of the invention
XX
SQ Sequence 17 BP; 3 A; 5 C; 5 G; 4 T; 0 U; 0 Other;
Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.9e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 862 TCCAGTTGGACACTT 877
DB 2 TCCAGCTTGGAGCCTT 17
RESULT 1243
ABA77446/C
ID ABA77446 standard; DNA; 17 BP.
XX
AC ABA77446;
XX
DT 24-JAN-2002 (first entry)
XX
DE p53 mutation correcting oligonucleotide SEQ ID NO: 292.
XX
KW Human; gene therapy; adenosine deaminase deficiency; p53; beta-globin;
KW retinoblastoma; BRCA1; BRCA2; CFTR; cystic fibrosis; cancer; Factor V;
KW cyclin-dependent kinase inhibitor 2A; CDKN2A; melanoma; APC; HBA1; HBA2;
KW adenomatous polyposis of the colon; Factor VII; Factor IX; thrombosis;
KW haemophilia; alpha thalassaemia; haemoglobin alpha locus 1; MLH1; APOE;
KW mismatch repair; MSH2; MSH6; hyperlipidaemia; apolipoprotein E; LDLR;
KW familial hypercholesterolaemia; UGT1; syndrome; APP; PSEN1; antisense;
KW UDP-glucuronosyltransferase; amyloid precursor protein; presenilin-1;
KW Alzheimer's disease; cytostatic; antiskilling; antianaemic; haemostatic;
KW antileptic; ss.
XX
OS Homo sapiens.
XX
PN WO200173002-A2.
XX
PD 04-OCT-2001.
XX
PF 27-MAR-2001; 2001WO-US009761.
XX
PR 27-MAR-2000; 2000US-0192176P.
PR 27-MAR-2000; 2000US-0192179P.
PR 01-JUN-2000; 2000US-0208538P.
PR 30-OCT-2000; 2000US-0244989P.
XX
PA (UYDE) UNIV DELAWARE.
XX
PI Kmiec EB, Gamper HB, Rice MC;
XX
XX WPI; 2001-639230/73.
XX
PT Oligonucleotide for targeted alterations of genetic sequences and for
PT treating cystic fibrosis, comprises at least one mismatch and chemical
PT modification.
XX
PS Claim 7; Page 60; 294pp; English.
XX
CC The present invention provides single-stranded oligonucleotides which can
CC be used for the targeted alteration of genomic sequences, where the
CC oligonucleotide has at least one mismatch compared with the genomic
CC sequence to be altered. In particular, these sequences are directed at
CC the following genes: adenosine deaminase, p53, beta-globin,
CC retinoblastoma, BRCA1, BRCA2, CFTR, cyclin-dependent kinase inhibitor 2A
CC (CDKN2A), APC, Factor V, Factor VII, Factor IX, haemoglobin alpha locus
CC 1 (HBA1), haemoglobin alpha locus 2 (HBA2), MLH1, MSH2, MSH6,

CC apolipoprotein E (APOE), LDL receptor (LDLR), UDP-glucuronosyltransferase
 CC (UGT1), amyloid precursor protein (APC), presenilin-1 (PSEN1) and
 CC presenilin-2 (PSEN2). These can be used in the gene therapy of diseases
 CC such as cancer, adenosine deaminase deficiency, cystic fibrosis,
 CC haemophilia, hypercholesterolaemia, thalassaemia, sickle cell anaemia,
 CC Alzheimer's disease, melanoma, adenomatous polyposis of the colon and
 CC various syndromes. The present sequence is one of the gene correcting
 CC oligonucleotides of the invention
 XX
 XX Sequence 17 BP; 6 A; 6 C; 3 G; 2 T; 0 U; 0 Other;
 SQ
 Query Match 3.9%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 7.9e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
 QY 819 GGTTGGCTGTCTCT 834
 DB 16 GGTTGGCTGTCTGT 1
 RESULT 1244
 ABA77937/C
 ID ABA77937 standard; DNA; 17 BP.
 XX
 AC ABA77937;
 XX
 DT 24-JAN-2002 (first entry)
 XX
 DE BRCA1 mutation correcting oligonucleotide SEQ ID NO: 783.
 XX
 KW Human; gene therapy; adenosine deaminase deficiency; p53; beta-globin;
 KW retinoblastoma; BRCA1; BRCA2; CFTR; cystic fibrosis; cancer; Factor V;
 KW cyclin-dependent kinase inhibitor 2A; CDKN2A; melanoma; APC; HBA1; HBA2;
 KW adenomatous polyposis of the colon; Factor VII; Factor IX; thrombosis;
 KW haemophilia; alpha thalassaemia; haemoglobin alpha locus 1; MLH1; APOE;
 KW mismatch repair; MSH2; MSH6; hyperlipidaemia; apolipoprotein E; LDLR;
 KW familial hypercholesterolaemia; UGT1; syndrome; APP; PSEN1; antisense;
 KW UDP-glucuronosyltransferase; amyloid precursor protein; presenilin-1;
 KW Alzheimer's disease; cytostatic; antiskilling; antianaemic; haemostatic;
 KW antileptic; ss.
 XX
 OS Homo sapiens.
 XX
 PN WO200173002-A2.
 XX
 PD 04-OCT-2001.
 XX
 PF 27-MAR-2001; 2001WO-US009761.
 XX
 PR 27-MAR-2000; 2000US-0192176P.
 PR 27-MAR-2000; 2000US-0192179P.
 PR 01-JUN-2000; 2000US-0208538P.
 PR 30-OCT-2000; 2000US-0244989P.
 XX
 PA (UYDE) UNIV DELAWARE.
 XX
 PI Kmiec EB, Gamper HB, Rice MC;
 XX
 XX WPI; 2001-639230/73.
 DR
 PT Oligonucleotide for targeted alterations of genetic sequences and for
 PT treating cystic fibrosis, comprises at least one mismatch and chemical
 PT modification.
 XX
 PS Claim 7; Page 92; 294pp; English.
 XX
 CC The present invention provides single-stranded oligonucleotides which can
 CC be used for the targeted alteration of genomic sequences, where the
 CC oligonucleotide has at least one mismatch compared with the genomic
 CC sequence to be altered. In particular, these sequences are directed at
 CC the following genes: adenosine deaminase, p53, beta-globin,
 CC retinoblastoma, BRCA1, BRCA2, CFTR, cyclin-dependent kinase inhibitor 2A
 CC (CDKN2A), APC, Factor V, Factor VIII, Factor IX, haemoglobin alpha locus

CC 1 (HBA1), haemoglobin alpha locus 2 (HBA2), MLH1, MSH2, MSH6,
 CC apolipoprotein E (APOE), LDL receptor (LDLR), UDP-glucuronosyltransferase
 CC (UGT1), amyloid precursor protein (APC), presenilin-1 (PSEN1) and
 CC presenilin-2 (PSEN2). These can be used in the gene therapy of diseases
 CC such as cancer, adenosine deaminase deficiency, cystic fibrosis,
 CC haemophilia, hypercholesterolaemia, thalassaemia, sickle cell anaemia,
 CC Alzheimer's disease, melanoma, adenomatous polyposis of the colon and
 CC various syndromes. The present sequence is one of the gene correcting
 CC oligonucleotides of the invention
 XX
 XX Sequence 17 BP; 6 A; 3 C; 5 G; 3 T; 0 U; 0 Other;
 SQ
 Query Match 3.9%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 7.9e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
 QY 874 ACTTTCCTGAGATGCA 889
 DB 17 ACTTTCCTGAGTGCCA 2
 RESULT 1245
 ABA80837
 ID ABA80837 standard; DNA; 17 BP.
 XX
 AC ABA80837;
 XX
 DT 24-JAN-2002 (first entry)
 XX
 DE LDLR mutation correcting oligonucleotide SEQ ID NO: 3683.
 XX
 KW Human; gene therapy; adenosine deaminase deficiency; p53; beta-globin;
 KW retinoblastoma; BRCA1; BRCA2; CFTR; cystic fibrosis; cancer; Factor V;
 KW cyclin-dependent kinase inhibitor 2A; CDKN2A; melanoma; APC; HBA1; HBA2;
 KW adenomatous polyposis of the colon; Factor VII; Factor IX; thrombosis;
 KW haemophilia; alpha thalassaemia; haemoglobin alpha locus 1; MLH1; APOE;
 KW mismatch repair; MSH2; MSH6; hyperlipidaemia; apolipoprotein E; LDLR;
 KW familial hypercholesterolaemia; UGT1; syndrome; APP; PSEN1; antisense;
 KW UDP-glucuronosyltransferase; amyloid precursor protein; presenilin-1;
 KW Alzheimer's disease; cytostatic; antiskilling; antianaemic; haemostatic;
 KW antileptic; ss.
 XX
 OS Homo sapiens.
 XX
 PN WO200173002-A2.
 XX
 PD 04-OCT-2001.
 XX
 PF 27-MAR-2001; 2001WO-US009761.
 XX
 PR 27-MAR-2000; 2000US-0192176P.
 PR 27-MAR-2000; 2000US-0192179P.
 PR 01-JUN-2000; 2000US-0208538P.
 PR 30-OCT-2000; 2000US-0244989P.
 XX
 PA (UYDE) UNIV DELAWARE.
 XX
 PI Kmiec EB, Gamper HB, Rice MC;
 XX
 XX WPI; 2001-639230/73.
 DR
 PT Oligonucleotide for targeted alterations of genetic sequences and for
 PT treating cystic fibrosis, comprises at least one mismatch and chemical
 PT modification.
 XX
 PS Claim 7; Page 244; 294pp; English.
 XX
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CC (CDKN2A), APC, Factor V, Factor VIII, Factor IX, haemoglobin alpha locus
CC 1 (HBA1), haemoglobin alpha locus 2 (HBA2), MLH1, MSH2, MSH6,
CC apolipoprotein E (APOE), LDL receptor (LDLR), UDP-glucuronosyltransferase
CC (UGT1), amyloid precursor protein (APC), presenilin-1 (PSEN1) and
CC presenilin-2 (PSEN2). These can be used in the gene therapy of diseases
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CC haemophilia, hypercholesterolaemia, thalassaemia, sickle cell anaemia,
CC Alzheimer's disease, melanoma, adenomatous polyposis of the colon and
CC various syndromes. The present sequence is one of the gene correcting
CC oligonucleotides of the invention
XX
SQ Sequence 17 BP; 3 A; 6 C; 4 G; 4 T; 0 U; 0 Other;

Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.9e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 862 TCCAGTTGGACACTT 877
Db ||||| ||||| |||||
2 TCCCTTGGACACGT 17

RESULT 1246
ABA81353
ID ABA81353 standard; DNA; 17 BP.
XX
AC ABA81353;
XX
DT 24-JAN-2002 (first entry)
XX
DE PSEN1 mutation correcting oligonucleotide SEQ ID NO: 4199.
XX
KW Human; gene therapy; adenosine deaminase deficiency; p53; beta-globin;
KW retinoblastoma; BRCA1; BRCA2; CFTR; cystic fibrosis; cancer; Factor V;
KW cyclin-dependent kinase inhibitor 2A; CDKN2A; melanoma; APC; HBA1; HBA2;
KW adenomatous polyposis of the colon; Factor VII; Factor IX; thrombosis;
KW haemophilia; alpha thalassaemia; haemoglobin alpha locus 1; MLH1; APOE;
KW mismatch repair; MSH2; MSH6; hyperlipidaemia; apolipoprotein E; LDLR;
KW familial hypercholesterolaemia; UGT1; syndrome; APP; PSEN1; antisense;
KW UDP-glucuronosyltransferase; amyloid precursor protein; presenilin-1;
KW Alzheimer's disease; cytostatic; antitickling; antianaemic; haemostatic;
KW antilipemic; ss.
XX
OS Homo sapiens.
XX
PN WO200173002-A2.
XX
PD 04-OCT-2001.
XX
PF 27-MAR-2001; 2001WO-US009761.
XX
PR 27-MAR-2000; 2000US-0192176P.
XX
PR 27-MAR-2000; 2000US-0192179P.
XX
PR 01-JUN-2000; 2000US-0208538P.
XX
PR 30-OCT-2000; 2000US-0244989P.
XX
PA (UYDE) UNIV DELAWARE.
XX
XX Kmiec EB, Gamper HB, Rice MC;
XX WPI; 2001-639230/73.
XX
XX Oligonucleotide for targeted alterations of genetic sequences and for
XX treating cystic fibrosis, comprises at least one mismatch and chemical
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XX
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CC (CDKN2A), APC, Factor V, Factor VIII, Factor IX, haemoglobin alpha locus
CC 1 (HBA1), haemoglobin alpha locus 2 (HBA2), MLH1, MSH2, MSH6,
CC apolipoprotein E (APOE), LDL receptor (LDLR), UDP-glucuronosyltransferase
CC (UGT1), amyloid precursor protein (APC), presenilin-1 (PSEN1) and
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CC oligonucleotides of the invention
XX
SQ Sequence 17 BP; 6 A; 8 C; 0 G; 3 T; 0 U; 0 Other;

Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.9e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 918 ATCATCACCACCC 933
Db ||||| ||||| |||||
2 ATCATCCACCACAC 17

RESULT 1247
ABA77445
ID ABA77445 standard; DNA; 17 BP.
XX
AC ABA77445;
XX
DT 24-JAN-2002 (first entry)
XX
DE p53 mutation correcting oligonucleotide SEQ ID NO: 291.
XX
KW Human; gene therapy; adenosine deaminase deficiency; p53; beta-globin;
KW retinoblastoma; BRCA1; BRCA2; CFTR; cystic fibrosis; cancer; Factor V;
KW cyclin-dependent kinase inhibitor 2A; CDKN2A; melanoma; APC; HBA1; HBA2;
KW adenomatous polyposis of the colon; Factor VII; Factor IX; thrombosis;
KW haemophilia; alpha thalassaemia; haemoglobin alpha locus 1; MLH1; APOE;
KW mismatch repair; MSH2; MSH6; hyperlipidaemia; apolipoprotein E; LDLR;
KW familial hypercholesterolaemia; UGT1; syndrome; APP; PSEN1; antisense;
KW UDP-glucuronosyltransferase; amyloid precursor protein; presenilin-1;
KW Alzheimer's disease; cytostatic; antitickling; antianaemic; haemostatic;
KW antilipemic; ss.
XX
OS Homo sapiens.
XX
PN WO200173002-A2.
XX
PD 04-OCT-2001.
XX
PF 27-MAR-2001; 2001WO-US009761.
XX
PR 27-MAR-2000; 2000US-0192176P.
XX
PR 27-MAR-2000; 2000US-0192179P.
XX
PR 01-JUN-2000; 2000US-0208538P.
XX
PR 30-OCT-2000; 2000US-0244989P.
XX
PA (UYDE) UNIV DELAWARE.
XX
XX Kmiec EB, Gamper HB, Rice MC;
XX WPI; 2001-639230/73.
XX
XX Oligonucleotide for targeted alterations of genetic sequences and for
XX treating cystic fibrosis, comprises at least one mismatch and chemical
XX modification.
XX
XX Claim 7; Page 60; 294pp; English.
XX
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 CC retinoblastoma, BRCA1, BRCA2, CFTR, cyclin-dependent kinase inhibitor 2A
 CC (CDKN2A), APC, Factor V, Factor VIII, Factor IX, haemoglobin alpha locus
 CC 1 (HBA1), haemoglobin alpha locus 2 (HBA2), MLH1, MSH2, MSH6,
 CC apolipoprotein E (APOE), LDL receptor (LDLR), UDP-glucuronosyltransferase
 CC (UGT1), amyloid precursor protein (APC), presenilin-1 (PSEN1) and
 CC presenilin-2 (PSEN2). These can be used in the gene therapy of diseases
 CC such as cancer, adenosine deaminase deficiency, cystic fibrosis,
 CC haemophilia, hypercholesterolaemia, thalassaemia, sickle cell anaemia,
 CC Alzheimer's disease, melanoma, adenomatous polyposis of the colon and
 CC various syndromes. The present sequence is one of the gene correcting
 CC oligonucleotides of the invention
 XX
 SQ Sequence 17 BP; 2 A; 3 C; 6 G; 6 T; 0 U; 0 Other;

Query Match 3.9%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 7.9e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 819 GGTGGCTGTGCTCT 834
 Db 2 GGTGGCTGTGCTCT 17

RESULT 1248

AAH27335
 ID AAH27335 standard; DNA; 17 BP.

XX AC AAH27335;

XX DT 08-AUG-2001 (first entry)

XX DE PCR primer #4.

XX KW Tumour suppressor gene 16; TSG16; immune response modulator;
 XX inflammatory response modulator; signal transduction activator;
 XX cytokine inhibitor; gene therapy; anticancer; anti-inflammatory;
 XX autoimmune disorder; infection; chromosome 16q24.3; human;
 XX cellular proliferation suppressor; PCR primer; ss.

XX OS Homo sapiens.

XX PN WO200132861-A1.

XX PD 10-MAY-2001.

XX PF 30-OCT-2000; 2000WO-AU001329.

XX PR 29-OCT-1999; 99AU-00003771.

XX PA (WOMEN-) WOMEN'S & CHILDREN'S HOSPITAL.

XX PI Callen DF, Whitmore SA, Kremmidiotis G, Kochetkova M, Crawford J;

XX DR WPI; 2001-316439/33.

XX PT New nucleic acid representing the human tumor suppressor gene TSG16,
 PT useful e.g. for diagnosis and treatment of tumors, inflammatory and
 PT immunological disorders.

XX PS Disclosure; Page 188; 215pp; English.

XX CC The present invention relates to human tumour suppressor gene 16 (TSG16;
 CC see AAH23688). TSG16 was isolated from chromosome 16q24.3. TSG16
 CC suppresses cellular proliferation. TSG16 is useful for treating disorders
 CC associated with decreased expression or activity of TSG16, e.g. cancers,
 CC (auto)immune disorders, inflammation, complications of wound healing and
 CC infections (by viruses, bacteria, fungi, parasites, protozoa or
 CC helminths). The present sequence is a PCR primer, which was used in the
 CC present invention

XX SQ Sequence 17 BP; 0 A; 6 C; 7 G; 4 T; 0 U; 0 Other;

Query Match 3.9%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 7.9e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
 QY 814 CTCAGGGTTCCTGTG 829
 Db 1 CTCGGGCTGCTGTG 16

RESULT 1249

AAF30893

ID AAF30893 standard; DNA; 17 BP.

XX AC AAF30893;

XX DT 09-JUL-2001 (first entry)

XX DE Reverse primer using in real-time PCR.

XX KW ODN-MGB-LF; oligonucleotide; minor groove binder; latent fluorophore;
 XX hybridisation; detection; fluorescence; PCR primer; ss.

XX OS Synthetic.

XX FH Key Location/Qualifiers

XX FT modified_base 1

XX FT /*tag= a

XX FT /note= "cytosine modified by cyanine dye thiazole orange
 coupled to minor groove binder (TO-MGB)"

XX PN WO200131063-A1.

XX PD 03-MAY-2001.

XX PF 26-OCT-2000; 2000WO-US029786.

XX PR 26-OCT-1999; 99US-00428236.

XX PA (EPOC-) EPOCH BIOSCIENCES INC.

XX PI Dempcy RO, Afonina IA, Vermeulen NMJ;

XX DR WPI; 2001-328656/34.

XX PT Conjugate of oligonucleotide, minor groove binder and latent fluorophore,
 PT useful for detecting specific nucleic acids, e.g. for single-nucleotide
 PT mismatch discrimination.

XX PS Example 9; Page 78; 105pp; English.

XX CC The present sequence is that of a reverse primer comprising an
 CC oligonucleotide (ODN)-minor groove binder (MGB)-latent fluorophore (LF)
 CC conjugate. It was used with a forward primer (see AAF30892) in the PCR
 CC amplification of a 42 bp amplicon in the LacZ gene insert of phagemid pBK
 CC -CMV. The experiment was performed to demonstrate the use of
 CC oligonucleotide (ODN)-MGB-LF conjugates as primers in real-time PCR. A
 CC strong fluorescence output was observed for a template with a sequence
 CC that was perfectly complementary to the ODN moiety of the ODN-MGB-LF
 CC complex, but only background fluorescence was observed for a template
 CC with a single-base mismatch. When the reverse primer lacked the MGB
 CC moiety, only background fluorescence was detected

XX SQ Sequence 17 BP; 10 A; 1 C; 3 G; 3 T; 0 U; 0 Other;

Query Match 3.9%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 7.9e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 941 AATTTACGCAAGAG 956

Db 2 AATTTAAGAGAG 17

RESULT 1250
ABL46862
ID ABL46862 standard; RNA; 17 BP.
XX
AC ABL46862;
XX
XX
DT 27-JUN-2003 (first entry)
XX
DE Human GRID G-cleaver ribozyme substrate oligonucleotide #3.
XX
KW Human; Grb2-related with Insert Domain; GRID; T-cell;
KW co-stimulatory adaptor protein; tissue rejection; graft rejection;
KW leukaemia; cytostatic; ss.
XX
OS Homo sapiens.
XX
PN WO200162911-A2.
XX
PD 30-AUG-2001.
XX
PF 23-FEB-2001; 2001WO-US005957.
XX
PR 24-FEB-2000; 2000US-0184594P.
XX
PA (RIBO-) RIBOZYME PHARM INC.
PA (GLAX) GLAXO GROUP LTD.
XX
PI Jarvis T, Von Carlowitz I, Mcswiggen JA, Hamblin PA, Ellis JH;
XX WPI; 2001-550088/61.
XX
SQ Sequence 17 BP; 6 A; 3 C; 3 G; 0 T; 5 U; 0 Other;
XX
Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 56.2%; Pred. No. 7.9e+02;
Matches 9; Conservative 4; Mismatches 3; Indels 0; Gaps 0;
XX
QY 880 CTCGATGCGACTTACT 895
|:|:|:|:|:|:|:
2 CUGAAAUUGCAGUAACU 17
Db
XX
RESULT 1251
ABL47041/c
ID ABL47041 standard; RNA; 17 BP.
XX
AC ABL47041;
XX
DT 27-JUN-2003 (first entry)
XX
DE Human GRID DNzyme substrate oligonucleotide #17.
XX
KW Human; Grb2-related with Insert Domain; GRID; T-cell;
KW co-stimulatory adaptor protein; tissue rejection; graft rejection;
KW leukaemia; cytostatic; ss.
XX
OS Homo sapiens.
XX

PN WO200162911-A2.
XX
PD 30-AUG-2001.
XX
PF 23-FEB-2001; 2001WO-US005957.
XX
PR 24-FEB-2000; 2000US-0184594P.
XX
PA (RIBO-) RIBOZYME PHARM INC.
PA (GLAX) GLAXO GROUP LTD.
XX
PI Jarvis T, Von Carlowitz I, Mcswiggen JA, Hamblin PA, Ellis JH;
XX WPI; 2001-550088/61.
XX
SQ Sequence 17 BP; 6 A; 1 C; 7 G; 0 T; 3 U; 0 Other;
XX
Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.9e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
XX
QY 911 TCAGATTATCATCACC 926
|:|:|:|:|:|:|:
17 TCAGTTTCATCTCACC 2
Db
XX
RESULT 1252
ABL46761
ID ABL46761 standard; RNA; 17 BP.
XX
AC ABL46761;
XX
DT 27-JUN-2003 (first entry)
XX
DE Human GRID NCH ribozyme substrate oligonucleotide #215.
XX
KW Human; Grb2-related with Insert Domain; GRID; T-cell;
KW co-stimulatory adaptor protein; tissue rejection; graft rejection;
KW leukaemia; cytostatic; ss.
XX
OS Homo sapiens.
XX
PN WO200162911-A2.
XX
PD 30-AUG-2001.
XX
PF 23-FEB-2001; 2001WO-US005957.
XX
PR 24-FEB-2000; 2000US-0184594P.
XX
PA (RIBO-) RIBOZYME PHARM INC.
PA (GLAX) GLAXO GROUP LTD.
XX
PI Jarvis T, Von Carlowitz I, Mcswiggen JA, Hamblin PA, Ellis JH;
XX WPI; 2001-550088/61.
XX
SQ New nucleic acid(s) for regulating the Grb2-related with Insert Domain

PT (GRID) gene comprises using antisense and enzymatic nucleic acid
 XX molecules such as hammerhead ribozymes.

PS Claim 4; Page 67; 108pp; English.

XX The present invention relates to oligonucleotides that downregulate the
 CC expression of human Grb2-related with Insert Domain (GRID) gene. GRID is
 CC a T-cell co-stimulatory adaptor protein. The oligonucleotides are useful
 CC for modulating the expression of GRID, to treat conditions such as
 CC tissue/graft rejection and leukaemia. The oligonucleotides can also be
 CC administered in conjunction with other therapies such as radiation,
 CC chemotherapy and cyclosporin treatment. The present oligonucleotide was
 CC used to illustrate the invention

XX Sequence 17 BP; 5 A; 7 C; 2 G; 0 T; 3 U; 0 Other;

Query Match 3.9%; Score 11.2; DB 1; Length 17;
 XX Best Local Similarity 68.8%; Pred. No. 7.9e+02;
 XX Matches 11; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 917 TATCATCACCACCACC 932
 XX :||:|||||
 DB 2 UAUCUGCAGCACCACC 17

RESULT 1253

ABL46986
 ID ABL46986 standard; RNA; 17 BP.

XX ABL46986;

DT 27-JUN-2003 (first entry)

XX Human GRID zinzyme substrate oligonucleotide #70.

XX Human; Grb2-related with Insert Domain; GRID; T-cell;
 XX co-stimulatory adaptor protein; tissue rejection; graft rejection;
 XX leukaemia; cytostatic; ss.

XX Homo sapiens.

XX WO200162911-A2.

XX 30-AUG-2001.

XX 23-FEB-2001; 2001WO-US005957.

XX 24-FEB-2000; 2000US-0184594P.

XX (RIBO-) RIBOZYME PHARM INC.

XX (GLAX) GLAXO GROUP LTD.

XX Jarvis T, Von Carlowitz I, Mcswiggen JA, Hamblin PA, Ellis JH;

XX WPI; 2001-550089/61.

XX New nucleic acid(s) for regulating the Grb2-related with Insert Domain
 PT (GRID) gene comprises using antisense and enzymatic nucleic acid
 PT molecules such as hammerhead ribozymes.

XX Claim 4; Page 72; 108pp; English.

XX The present invention relates to oligonucleotides that downregulate the
 CC expression of human Grb2-related with Insert Domain (GRID) gene. GRID is
 CC a T-cell co-stimulatory adaptor protein. The oligonucleotides are useful
 CC for modulating the expression of GRID, to treat conditions such as
 CC tissue/graft rejection and leukaemia. The oligonucleotides can also be
 CC administered in conjunction with other therapies such as radiation,
 CC chemotherapy and cyclosporin treatment. The present oligonucleotide was
 CC used to illustrate the invention

XX Sequence 17 BP; 5 A; 7 C; 2 G; 0 T; 3 U; 0 Other;

Query Match 3.9%; Score 11.2; DB 1; Length 17;
 XX Best Local Similarity 68.8%; Pred. No. 7.9e+02;
 XX Matches 11; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 917 TATCATCACCACCACC 932
 XX :||:|||||
 DB 1 UAUCUGCAGCACCACC 16

RESULT 1254

AAI65361

ID AAI65361 standard; DNA; 17 BP.

XX AAI65361;

DT 10-DEC-2001 (first entry)

XX PCR primer for amplification of a toxic acid-fast bacterium.

XX Toxic acid-fast bacteria; Alicyclobacillus; fruit juice; contamination;
 XX PCR primer; ss.

XX Alicyclobacillus acidoterrestris.

XX WO200168914-A1.

XX 20-SEP-2001.

XX 23-FEB-2001; 2001WO-JP001332.

XX 14-MAR-2000; 2000JP-00070284.

XX (SAKA) OTSUKA PHARM CO LTD.

XX Takaichi A, Okamoto T, Watanabe Y, Hanya I;

XX WPI; 2001-590072/66.

XX Identification of acid-fast bacterium especially Alicyclobacillus in
 PT beverages like fruit juices and lactic acid bacterium-containing drinks
 PT and in detection of contamination.

XX Claim 1; Page 49; 56pp; Japanese.

XX PCR primers AAI65351-64 are used for amplification of toxic acid-fast
 CC bacteria of Alicyclobacillus species. The primers are useful for
 CC identifying acid-fast bacterium, especially Alicyclobacillus, in
 CC beverages such as fruit juices and lactic acid bacterium-containing
 CC drinks. They are also useful in detection of contamination

XX Sequence 17 BP; 3 A; 3 C; 5 G; 6 T; 0 U; 0 Other;

Query Match 3.9%; Score 11.2; DB 1; Length 17;
 XX Best Local Similarity 81.2%; Pred. No. 7.9e+02;
 XX Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 762 TAGGCTTCACTTCTG 777
 XX :||:|||||
 DB 2 TAGGCTTCACTTCTG 17

RESULT 1255

AAI65361

ID AAI65361 standard; DNA; 17 BP.

XX AAI65361;

DT 09-JUL-2001 (first entry)

XX Probe PN(n)C used in detection by allele specific extension.

XX Immobilisation; chemical; biological; polynucleotide amplification;
 XX nucleic acid detection; probe; hybridisation; PCR primer; ss.

```

XX OS Synthetic.
XX PN WO200127327-A2.
XX PD 19-APR-2001.
XX PF 06-OCT-2000; 2000WO-US027872.
XX PR 08-OCT-1999; 99US-0158315P.
XX PA (PROT-) PROTOGENE LAB INC.
XX PI Brennan TM, Chatelain F, Berninger M;
XX WPI; 2001-290733/30.
XX DR Apparatus and method for performing a large number of chemical and
XX PT biological reactions by bringing two arrays into close apposition and
XX PT allowing reactants on the surfaces of the two arrays to come into
XX PT contact.
XX PS Example 11; Fig 18B; 112pp; English.
XX CC The invention provides a novel system for performing reactions, that
XX CC comprises a first solid support with a reactant of each reaction
XX CC immobilized on to it, and a second solid support either providing a
XX CC /mechanical separation of the reactions, where the first and second solid
XX CC supports are assembled to provide an environment for performing the
XX CC reactions in parallel. The methods and apparatus are useful for
XX CC performing a large number of chemical and biological reactions,
XX CC especially polynucleotide amplification reactions and the detection of
XX CC sequence variations, expression levels and their functions. The method is
XX CC capable of generating large amounts of data or products per unit time by
XX CC carrying out large numbers of reactions in parallel. The process is also
XX CC amenable to full automation. Sequences AAF83164-179 represent probes used
XX CC in detecting amplified products by allele specific extension, the
XX CC products amplified by performing large numbers of PCR reactions using
XX CC array-immobilised and releasable primers
XX SQ Sequence 17 BP; 5 A; 10 C; 2 G; 0 T; 0 U; 0 Other;
      Query Match 3.9%; Score 11.2; DB 1; Length 17;
      Best Local Similarity 81.2%; Pred. No. 7.9e+02;
      Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 926 CACACCCCTCCACAGA 941
Db 1 CCCCACCCACACAGA 16

RESULT 1256
AAI67774/c
ID AAI67774 standard; RNA; 17 BP.
AC AAI67774;
XX 27-FEB-2002 (first entry)
XX MD-1 expression inhibiting antisense oligonucleotide ODN-3.
XX MD-1; inhibitor; medicament; immune response; immunosuppressive;
XX immunostimulant; antiallergic; anti-inflammatory; antidiabetic;
XX dermatological; ophthalmological; antirheumatic; antiarthritic;
XX antipyretic; antisense; ss.
XX Synthetic.
XX WO200168697-A2.
XX 20-SEP-2001.

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PF 16-MAR-2001; 2001WO-CA000346.
XX 17-MAR-2000; 2000US-0189986P.
XX (GORC/) GORCZYNSKI R M.
XX (CLAR/) CLARK D A.
XX Gorczynski RM, Clark DA;
XX WPI; 2002-041178/05.
XX Use of MD-1 inhibitor for e.g. preparing a medicament to suppress an
XX immune response, inducing immune tolerance to transplanted organ or
XX tissue, or preventing or inhibiting fetal loss or graft versus host
XX disease.
XX Example 1; Page 33; 83pp; English.
XX The invention relates to the use of an MD-1 (undefined) inhibitor to
XX prepare a medicament to suppress an immune response. The MD-1 inhibitor
XX can be used to induce immune tolerance to transplanted organ or tissue,
XX prevent or inhibit fetal loss or graft versus host disease, and treat or
XX prevent an autoimmune disease or allergy. The MD-1 protein or nucleic
XX acid encoding an MD-1 protein to prepare a medicament to enhance an
XX immune response or to induce fetal loss. Autoimmune diseases that may be
XX treated or prevented by MD-1 inhibitor includes insulin-dependent
XX diabetes mellitus, adult respiratory distress syndrome, inflammatory
XX bowel disease, dermatitis, meningitis, thrombotic thrombocytopenia
XX purpura, Sjogren's syndrome, encephalitis, uveitis, leukocyte adhesion
XX deficiency, rheumatoid arthritis, rheumatic fever, The compound that
XX affects the binding of an MD-1 protein to an MD-1 binding protein is
XX useful for preparing a medicament to modulate, preferably suppress an
XX immune response. Sequences AAI67772-74 represent antisense
XX oligonucleotides that can inhibit MD-1 expression
XX SQ Sequence 17 BP; 2 A; 5 C; 7 G; 0 T; 3 U; 0 Other;
      Query Match 3.9%; Score 11.2; DB 1; Length 17;
      Best Local Similarity 81.2%; Pred. No. 7.9e+02;
      Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 747 GGGTCCCAAGGTCCCT 762
Db 16 GGACCCCAAGGTCCCT 1

RESULT 1257
ABN06108
ID ABN06108 standard; DNA; 17 BP.
XX AC ABN06108;
XX 29-MAY-2002 (first entry)
XX Human GDMPLP-1 17-mer scanning SEQ ID NO:5 sequence SEQ ID NO:6100.
XX Human; genome-derived myosin-like protein 1; GDMPLP-1; heart;
XX muscle; myosin; chromosome 22; gene therapy; vaccine; heart disease;
XX skeletal muscle disorder; amplicon; screening; ss.
XX Homo sapiens.
XX WO200192524-A2.
XX 06-DEC-2001.
XX 25-MAY-2001; 2001WO-US016981.
XX 26-MAY-2000; 2000US-0207456P.
XX 21-SEP-2000; 2000US-0234687P.
XX 27-SEP-2000; 2000US-0236359P.
XX 04-OCT-2000; 2000GB-00024263.
XX 30-JAN-2001; 2001WO-US000661.

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PR 30-JAN-2001; 2001WO-US000662.
 PR 30-JAN-2001; 2001WO-US000663.
 PR 30-JAN-2001; 2001WO-US000664.
 PR 30-JAN-2001; 2001WO-US000665.
 PR 30-JAN-2001; 2001WO-US000666.
 PR 30-JAN-2001; 2001WO-US000667.
 PR 30-JAN-2001; 2001WO-US000668.
 PR 30-JAN-2001; 2001WO-US000669.
 PR 30-JAN-2001; 2001WO-US000670.
 PR 05-FEB-2001; 2001US-0266860P.
 XX
 PA (AEOM-) AEOMICA INC.
 XX
 PI Gu Y, Ji Y, Penn SG, Hanzel DK, Rank DR, Chen W, Shannon ME;
 XX
 XX WPI; 2002-179446/23.
 XX
 DR New polypeptide, for raising antibodies that recognize hGDMPLP-1 proteins,
 PT or as specific biomolecule capture probes for surface-enhanced laser
 PT desorption ionization, comprises human myosin-like protein hGDMPLP-1.
 XX
 PS Disclosure; SEQ ID NO 6100; 214pp; English.
 XX
 CC The present invention describes a human genome-derived myosin-like
 CC protein 1 (hGDMPLP-1). The protein and polynucleotide sequences of hGDMPLP-
 CC 1 can be used in gene therapy and vaccine production. The hGDMPLP-1
 CC nucleic acids can be used as probes to detect, characterize and quantify
 CC hGDMPLP-1 nucleic acids in samples, as amplification substrates, to
 CC provide initial substrates for the recombinant engineering of hGDMPLP-1
 CC protein variants having desired phenotypic improvements, and for
 CC expressing the proteins. The hGDMPLP-1 proteins or polypeptides may be
 CC used as immunogens to raise antibodies that specifically recognise hGDMPLP
 CC -1 proteins, as standards in assays used to determine the concentration
 CC and/or amount specifically of hGDMPLP proteins, as specific biomolecule
 CC capture probes for surface-enhanced laser desorption ionisation, as
 CC therapeutic supplement in patients having specific deficiency in hGDMPLP-1
 CC production, and in vaccines or for replacement therapy. The
 CC polynucleotide sequences encoding hGDMPLP-1 may be used for diagnosing a
 CC disorder associated with the expression of hGDMPLP-1, in particular heart
 CC and skeletal muscle disorders. hGDMPLP-1 is localised to chromosome 22.
 CC The present sequence represents an oligomer used in the screening of the
 CC hGDMPLP-1 sequence in the exemplification of the present invention. N.B.
 CC The sequence data for this patent did not form part of the printed
 CC specification, but was obtained in electronic format directly from WIPO
 CC at ftp.wipo.int/pub/published_pct_sequence
 XX
 SQ Sequence 17 BP; 3 A; 7 C; 4 G; 3 T; 0 U; 0 Other;
 Query Match 3.9%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 7.9e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
 QY 779 GGGCAGCCCTCTGGT 794
 Db 2 GAGCAGCCCTCCAGT 17
 RESULT 1258
 ABN06488/c
 ID ABN06488 standard; DNA; 17 BP.
 XX
 AC ABN06488;
 XX
 DT 29-MAY-2002 (first entry)
 XX
 DE Human GDMPLP-1 17-mer scanning SEQ ID NO:5 sequence SEQ ID NO:6480.
 XX
 KW Human; genome-derived myosin-like protein 1; GDMPLP-1; hGDMPLP-1; heart;
 KW muscle; myosin; chromosome 22; gene therapy; vaccine; heart disease;
 KW skeletal muscle disorder; amplicon; screening; ss.
 XX
 OS Homo sapiens.
 XX

PN WO200192524-A2.
 XX
 PD 06-DEC-2001.
 XX
 PF 25-MAY-2001; 2001WO-US016981.
 XX
 PR 26-MAY-2000; 2000US-0207456P.
 PR 21-SEP-2000; 2000US-0234687P.
 PR 27-SEP-2000; 2000US-0236359P.
 PR 04-OCT-2000; 2000GB-00024263.
 PR 30-JAN-2001; 2001WO-US000661.
 PR 30-JAN-2001; 2001WO-US000662.
 PR 30-JAN-2001; 2001WO-US000663.
 PR 30-JAN-2001; 2001WO-US000664.
 PR 30-JAN-2001; 2001WO-US000665.
 PR 30-JAN-2001; 2001WO-US000666.
 PR 30-JAN-2001; 2001WO-US000667.
 PR 30-JAN-2001; 2001WO-US000668.
 PR 30-JAN-2001; 2001WO-US000669.
 PR 30-JAN-2001; 2001WO-US000670.
 PR 05-FEB-2001; 2001US-0266860P.
 XX
 PA (AEOM-) AEOMICA INC.
 XX
 PI Gu Y, Ji Y, Penn SG, Hanzel DK, Rank DR, Chen W, Shannon ME;
 XX
 XX WPI; 2002-179446/23.
 XX
 DR New polypeptide, for raising antibodies that recognize hGDMPLP-1 proteins,
 PT or as specific biomolecule capture probes for surface-enhanced laser
 PT desorption ionization, comprises human myosin-like protein hGDMPLP-1.
 XX
 PS Disclosure; SEQ ID NO 6480; 214pp; English.
 XX
 CC The present invention describes a human genome-derived myosin-like
 CC protein 1 (hGDMPLP-1). The protein and polynucleotide sequences of hGDMPLP-
 CC 1 can be used in gene therapy and vaccine production. The hGDMPLP-1
 CC nucleic acids can be used as probes to detect, characterize and quantify
 CC hGDMPLP-1 nucleic acids in samples, as amplification substrates, to
 CC provide initial substrates for the recombinant engineering of hGDMPLP-1
 CC protein variants having desired phenotypic improvements, and for
 CC expressing the proteins. The hGDMPLP-1 proteins or polypeptides may be
 CC used as immunogens to raise antibodies that specifically recognise hGDMPLP
 CC -1 proteins, as standards in assays used to determine the concentration
 CC and/or amount specifically of hGDMPLP proteins, as specific biomolecule
 CC capture probes for surface-enhanced laser desorption ionisation, as
 CC therapeutic supplement in patients having specific deficiency in hGDMPLP-1
 CC production, and in vaccines or for replacement therapy. The
 CC polynucleotide sequences encoding hGDMPLP-1 may be used for diagnosing a
 CC disorder associated with the expression of hGDMPLP-1, in particular heart
 CC and skeletal muscle disorders. hGDMPLP-1 is localised to chromosome 22.
 CC The present sequence represents an oligomer used in the screening of the
 CC hGDMPLP-1 sequence in the exemplification of the present invention. N.B.
 CC The sequence data for this patent did not form part of the printed
 CC specification, but was obtained in electronic format directly from WIPO
 CC at ftp.wipo.int/pub/published_pct_sequence
 XX
 SQ Sequence 17 BP; 5 A; 4 C; 5 G; 3 T; 0 U; 0 Other;
 Query Match 3.9%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 7.9e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
 QY 809 TCCAACTCAGGGTTGG 824
 Db 16 TCCACCACAGGGTTG 1
 RESULT 1259
 ABN00668/c
 ID ABN00668 standard; DNA; 17 BP.
 XX
 AC ABN00668;
 XX

XX 29-MAY-2002 (first entry)
XX Human GDMPLP-1 17-mer scanning SEQ ID NO:4 sequence SEQ ID NO:660.
DE
XX
XX Human; genome-derived myosin-like protein 1; GDMPLP-1; hGDMPLP-1; heart;
KW muscle; myosin; chromosome 22; gene therapy; vaccine; heart disease;
KW skeletal muscle disorder; amplicon; screening; ss.
XX
OS Homo sapiens.
XX
XX WO200192524-A2.
XX
XX 06-DEC-2001.
XX
XX 25-MAY-2001; 2001WO-US016981.
XX
XX 26-MAY-2000; 2000US-0207456P.
PR 21-SEP-2000; 2000US-0234687P.
PR 27-SEP-2000; 2000US-0236359P.
PR 04-OCT-2000; 2000GB-00024263.
PR 30-JAN-2001; 2001WO-US000661.
PR 30-JAN-2001; 2001WO-US000662.
PR 30-JAN-2001; 2001WO-US000663.
PR 30-JAN-2001; 2001WO-US000664.
PR 30-JAN-2001; 2001WO-US000665.
PR 30-JAN-2001; 2001WO-US000666.
PR 30-JAN-2001; 2001WO-US000667.
PR 30-JAN-2001; 2001WO-US000668.
PR 30-JAN-2001; 2001WO-US000669.
PR 30-JAN-2001; 2001WO-US000670.
PR 05-FEB-2001; 2001US-0266860P.
XX
XX (AEOM-) AEOMICA INC.
XX
XX Gu Y, Ji Y, Penn SG, Hanzel DK, Rank DR, Chen W, Shannon ME;
XX WPI; 2002-179446/23.
XX
XX New polypeptide, for raising antibodies that recognize hGDMPLP-1 proteins,
PT or as specific biomolecule capture probes for surface-enhanced laser
PT desorption ionization, comprises human myosin-like protein hGDMPLP-1.
XX
XX Disclosure; SEQ ID NO 660; 214pp; English.
XX
XX The present invention describes a human genome-derived myosin-like
CC protein 1 (hGDMPLP-1). The protein and polynucleotide sequences of hGDMPLP-
CC 1 can be used in gene therapy and vaccine production. The hGDMPLP-1
CC nucleic acids can be used as probes to detect, characterise and quantify
CC hGDMPLP-1 nucleic acids in samples, as amplification substrates, to
CC provide initial substrates for the recombinant engineering of hGDMPLP-1
CC protein variants having desired phenotypic improvements, and for
CC expressing the proteins. The hGDMPLP-1 proteins or polypeptides may be
CC used as immunogens to raise antibodies that specifically recognise hGDMPLP-
CC -1 proteins, as standards in assays used to determine the concentration
CC and/or amount specifically of hGDMPLP proteins, as specific biomolecule
CC capture probes for surface-enhanced laser desorption ionisation, as
CC therapeutic supplement in patients having specific deficiency in hGDMPLP-1
CC production, and in vaccines or for replacement therapy. The
CC polynucleotide sequences encoding hGDMPLP-1 is localised to chromosome 22.
CC The present sequence represents an oligomer used in the screening of the
CC hGDMPLP-1 sequence in the exemplification of the present invention. N.B.
CC The sequence data for this patent did not form part of the printed
CC specification, but was obtained in electronic format directly from WIPO
CC at ftp.wipo.int/pub/published_pct_sequence
XX
XX Sequence 17 BP; 5 A; 6 C; 5 G; 1 T; 0 U; 0 Other;
XX
XX Query Match 3.9%; Score 11.2; DB 1; Length 17;
XX Best Local Similarity 81.2%; Pred. No. 7.9e+02;
XX Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 816 CAGGTTGGCTGTC 831
DB 17 CTGGCTTGGCTGATC 2
RESULT 1260
ABN02798
ID ABN02798 standard; DNA; 17 BP.
XX
AC ABN02798;
XX
DT 29-MAY-2002 (first entry)
XX
DE Human GDMPLP-1 17-mer scanning SEQ ID NO:4 sequence SEQ ID NO:2790.
XX
XX Human; genome-derived myosin-like protein 1; GDMPLP-1; hGDMPLP-1; heart;
KW muscle; myosin; chromosome 22; gene therapy; vaccine; heart disease;
KW skeletal muscle disorder; amplicon; screening; ss.
XX
OS Homo sapiens.
XX
XX WO200192524-A2.
XX
XX 06-DEC-2001.
XX
XX 25-MAY-2001; 2001WO-US016981.
XX
XX 26-MAY-2000; 2000US-0207456P.
PR 21-SEP-2000; 2000US-0234687P.
PR 27-SEP-2000; 2000US-0236359P.
PR 04-OCT-2000; 2000GB-00024263.
PR 30-JAN-2001; 2001WO-US000661.
PR 30-JAN-2001; 2001WO-US000662.
PR 30-JAN-2001; 2001WO-US000663.
PR 30-JAN-2001; 2001WO-US000664.
PR 30-JAN-2001; 2001WO-US000665.
PR 30-JAN-2001; 2001WO-US000666.
PR 30-JAN-2001; 2001WO-US000667.
PR 30-JAN-2001; 2001WO-US000668.
PR 30-JAN-2001; 2001WO-US000669.
PR 30-JAN-2001; 2001WO-US000670.
PR 05-FEB-2001; 2001US-0266860P.
XX
XX (AEOM-) AEOMICA INC.
XX
XX Gu Y, Ji Y, Penn SG, Hanzel DK, Rank DR, Chen W, Shannon ME;
XX WPI; 2002-179446/23.
XX
XX New polypeptide, for raising antibodies that recognize hGDMPLP-1 proteins,
PT or as specific biomolecule capture probes for surface-enhanced laser
PT desorption ionization, comprises human myosin-like protein hGDMPLP-1.
XX
XX Disclosure; SEQ ID NO 2790; 214pp; English.
XX
XX The present invention describes a human genome-derived myosin-like
CC protein 1 (hGDMPLP-1). The protein and polynucleotide sequences of hGDMPLP-
CC 1 can be used in gene therapy and vaccine production. The hGDMPLP-1
CC nucleic acids can be used as probes to detect, characterise and quantify
CC hGDMPLP-1 nucleic acids in samples, as amplification substrates, to
CC provide initial substrates for the recombinant engineering of hGDMPLP-1
CC protein variants having desired phenotypic improvements, and for
CC expressing the proteins. The hGDMPLP-1 proteins or polypeptides may be
CC used as immunogens to raise antibodies that specifically recognise hGDMPLP-
CC -1 proteins, as standards in assays used to determine the concentration
CC and/or amount specifically of hGDMPLP proteins, as specific biomolecule
CC capture probes for surface-enhanced laser desorption ionisation, as
CC therapeutic supplement in patients having specific deficiency in hGDMPLP-1
CC production, and in vaccines or for replacement therapy. The
CC polynucleotide sequences encoding hGDMPLP-1 may be used for diagnosing a
CC disorder associated with the expression of hGDMPLP-1, in particular heart
CC and skeletal muscle disorders. hGDMPLP-1 is localised to chromosome 22.
CC The present sequence represents an oligomer used in the screening of the
CC hGDMPLP-1 sequence in the exemplification of the present invention. N.B.
CC The sequence data for this patent did not form part of the printed
CC specification, but was obtained in electronic format directly from WIPO
CC at ftp.wipo.int/pub/published_pct_sequence
XX
XX Sequence 17 BP; 5 A; 6 C; 5 G; 1 T; 0 U; 0 Other;

CC The present sequence represents an oligomer used in the screening of the
CC hGDMPLP-1 sequence in the exemplification of the present invention. N.B.
CC The sequence data for this patent did not form part of the printed
CC specification, but was obtained in electronic format directly from WIPO
CC at ftp.wipo.int/pub/published_pct_sequence
XX
SQ Sequence 17 BP; 5 A; 7 C; 3 G; 2 T; 0 U; 0 Other;
Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred.No. 7.9e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 926 CACCACCCCTCCAGAGA 941
DB 2 CACCACCCCTCCAGAGA 17
RESULT 1261
ABN02906/C
ID ABN02906 standard; DNA; 17 BP.
XX AC ABN02906;
XX DT 29-MAY-2002 (first entry)
XX DE Human GDMPLP-1 17-mer scanning SEQ ID NO:4 sequence SEQ ID NO:2898.
XX KW Human; genome-derived myosin-like protein 1; GDMPLP-1; hGDMPLP-1; heart;
XX KW muscle; myosin; chromosome 22; gene therapy; vaccine; heart disease;
XX KW skeletal muscle disorder; amplicon; screening; ss.
XX OS Homo sapiens.
XX PN WO200192524-A2.
XX PD 06-DEC-2001.
XX PF 25-MAY-2001; 2001WO-US016981.
XX PR 26-MAY-2000; 2000US-0207456P.
XX PR 21-SEP-2000; 2000US-0234687P.
XX PR 27-SEP-2000; 2000US-0236359P.
XX PR 04-OCT-2000; 2000GB-00024263.
XX PR 30-JAN-2001; 2001WO-US000661.
XX PR 30-JAN-2001; 2001WO-US000662.
XX PR 30-JAN-2001; 2001WO-US000663.
XX PR 30-JAN-2001; 2001WO-US000664.
XX PR 30-JAN-2001; 2001WO-US000665.
XX PR 30-JAN-2001; 2001WO-US000666.
XX PR 30-JAN-2001; 2001WO-US000667.
XX PR 30-JAN-2001; 2001WO-US000668.
XX PR 30-JAN-2001; 2001WO-US000669.
XX PR 05-FEB-2001; 2001WO-US000670.
XX PR 05-FEB-2001; 2001US-0266860P.
XX PA (AEOM-) AEOMICA INC.
XX PI Gu Y, Ji Y, Penn SG, Hanzel DK, Rank DR, Chen W, Shannon ME;
XX WPI; 2002-179446/23.
XX DR New polypeptide, for raising antibodies that recognize hGDMPLP-1 proteins,
XX or as specific biomolecule capture probes for surface-enhanced laser
XX desorption ionization, comprises human myosin-like protein hGDMPLP-1.
XX PS Disclosure; SEQ ID NO 2898; 214pp; English.
XX CC The present invention describes a human genome-derived myosin-like
XX protein 1 (hGDMPLP-1). The protein and polynucleotide sequences of hGDMPLP-
XX 1 can be used in gene therapy and vaccine production. The hGDMPLP-1
XX nucleic acids can be used as probes to detect, characterise and quantify
XX hGDMPLP-1 nucleic acids in samples, as amplification substrates, to
XX provide initial substrates for the recombinant engineering of hGDMPLP-1

CC protein variants having desired phenotypic improvements, and for
CC expressing the proteins. The hGDMPLP-1 proteins or polypeptides may be
CC used as immunogens to raise antibodies that specifically recognise hGDMPLP
CC -1 proteins, as standards in assays used to determine the concentration
CC and/or amount specifically of hGDMPLP proteins, as specific biomolecule
CC capture probes for surface-enhanced laser desorption/ionisation, as
CC therapeutic supplement in patients having specific deficiency in hGDMPLP-1
CC production, and in vaccines or for replacement therapy. The
CC polynucleotide sequences encoding hGDMPLP-1 may be used for diagnosing a
CC disorder associated with the expression of hGDMPLP-1, in particular heart
CC and skeletal muscle disorders. hGDMPLP-1 is localised to chromosome 22.
CC The present sequence represents an oligomer used in the screening of the
CC hGDMPLP-1 sequence in the exemplification of the present invention. N.B.
CC The sequence data for this patent did not form part of the printed
CC specification, but was obtained in electronic format directly from WIPO
CC at ftp.wipo.int/pub/published_pct_sequence
XX
SQ Sequence 17 BP; 2 A; 3 C; 10 G; 2 T; 0 U; 0 Other;
Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred.No. 7.9e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 775 CTGAGGCGCAGCCCTC 790
DB 17 CCGAGGCGCATCCCTC 2
RESULT 1262
ABN06055/C
ID ABN06055 standard; DNA; 17 BP.
XX AC ABN06055;
XX DT 29-MAY-2002 (first entry)
XX DE Human GDMPLP-1 17-mer scanning SEQ ID NO:5 sequence SEQ ID NO:6047.
XX KW Human; genome-derived myosin-like protein 1; GDMPLP-1; hGDMPLP-1; heart;
XX KW muscle; myosin; chromosome 22; gene therapy; vaccine; heart disease;
XX KW skeletal muscle disorder; amplicon; screening; ss.
XX OS Homo sapiens.
XX PN WO200192524-A2.
XX PD 06-DEC-2001.
XX PF 25-MAY-2001; 2001WO-US016981.
XX PR 26-MAY-2000; 2000US-0207456P.
XX PR 21-SEP-2000; 2000US-0234687P.
XX PR 27-SEP-2000; 2000US-0236359P.
XX PR 04-OCT-2000; 2000GB-00024263.
XX PR 30-JAN-2001; 2001WO-US000661.
XX PR 30-JAN-2001; 2001WO-US000662.
XX PR 30-JAN-2001; 2001WO-US000663.
XX PR 30-JAN-2001; 2001WO-US000664.
XX PR 30-JAN-2001; 2001WO-US000665.
XX PR 30-JAN-2001; 2001WO-US000666.
XX PR 30-JAN-2001; 2001WO-US000667.
XX PR 30-JAN-2001; 2001WO-US000668.
XX PR 30-JAN-2001; 2001WO-US000669.
XX PR 05-FEB-2001; 2001WO-US000670.
XX PR 05-FEB-2001; 2001US-0266860P.
XX PA (AEOM-) AEOMICA INC.
XX PI Gu Y, Ji Y, Penn SG, Hanzel DK, Rank DR, Chen W, Shannon ME;
XX WPI; 2002-179446/23.
XX DR New polypeptide, for raising antibodies that recognize hGDMPLP-1 proteins,
XX or as specific biomolecule capture probes for surface-enhanced laser
XX desorption ionization, comprises human myosin-like protein hGDMPLP-1.

PT or as specific biomolecule capture probes for surface-enhanced laser
PT desorption ionization, comprises human myosin-like protein hGDMPLP-1.
XX
XX Disclosure; SEQ ID NO 6047; 214pp; English.
XX
XX The present invention describes a human genome-derived myosin-like
CC protein 1 (hGDMPLP-1). The protein and polynucleotide sequences of hGDMPLP-
CC 1 can be used in gene therapy and vaccine production. The hGDMPLP-1
CC nucleic acids can be used as probes to detect, characterise and quantify
CC hGDMPLP-1 nucleic acids in samples, as amplification substrates, to
CC provide initial substrates for the recombinant engineering of hGDMPLP-1
CC protein variants having desired phenotypic improvements, and for
CC expressing the proteins. The hGDMPLP-1 proteins or polypeptides may be
CC used as immunogens to raise antibodies that specifically recognise hGDMPLP
CC -1 proteins, as standards in assays used to determine the concentration
CC and/or amount specifically of hGDMPLP proteins, as specific biomolecule
CC capture probes for surface-enhanced laser desorption ionisation, as
CC therapeutic supplement in patients having specific deficiency in hGDMPLP-1
CC production, and in vaccines or for replacement therapy. The
CC polynucleotide sequences encoding hGDMPLP-1 may be used for diagnosing a
CC disorder associated with the expression of hGDMPLP-1, in particular heart
CC and skeletal muscle disorders. hGDMPLP-1 is localised to chromosome 22.
CC The present sequence represents an oligomer used in the screening of the
CC hGDMPLP-1 sequence in the exemplification of the present invention. N.B.
CC The sequence data for this patent did not form part of the printed
CC specification, but was obtained in electronic format directly from WIPO
CC at ftp.wipo.int/pub/published_pct_sequence
XX
XX Sequence 17 BP; 7 A; 2 C; 5 G; 3 T; 0 U; 0 Other;
SQ
Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.9e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 833 CTTTCTCTCTGAG 848
Db 17 CTTTCTCTCTGAAAG 2
RESULT 1263
ABN07928/c
ID ABN07928 standard; DNA; 17 BP.
XX
XX AC ABN07928;
XX
XX 29-MAY-2002 (first entry)
XX
XX Human GDMPLP-1 17-mer scanning SEQ ID NO:5 sequence SEQ ID NO:7920.
XX
XX Human; genome-derived myosin-like protein 1; GDMPLP-1; hGDMPLP-1; heart;
KW muscle; myosin; chromosome 22; gene therapy; vaccine; heart disease;
KW skeletal muscle disorder; amplicon; screening; ss.
XX
XX Homo sapiens.
XX
XX WO200192524-A2.
XX
XX 06-DEC-2001.
XX
XX 25-MAY-2001; 2001WO-US016981.
XX
XX 26-MAY-2000; 2000US-0207456P.
XX
XX 21-SEP-2000; 2000US-0234587P.
XX
XX 27-SEP-2000; 2000US-0236359P.
XX
XX 04-OCT-2000; 2000GB-00024263.
XX
XX 30-JAN-2001; 2001WO-US000661.
XX
XX 30-JAN-2001; 2001WO-US000662.
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XX 30-JAN-2001; 2001WO-US000663.
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XX 30-JAN-2001; 2001WO-US000664.
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XX 30-JAN-2001; 2001WO-US000665.
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XX 30-JAN-2001; 2001WO-US000666.
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XX 30-JAN-2001; 2001WO-US000667.
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XX 30-JAN-2001; 2001WO-US000668.

PR 30-JAN-2001; 2001WO-US000669.
PR 30-JAN-2001; 2001WO-US000670.
PR 05-FEB-2001; 2001US-0268660P.
XX
XX (AEOM-) AEOMICA INC.
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XX Gu Y, Ji Y, Penn SG, Hanzel DK, Rank DR, Chen W, Shannon ME;
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XX WPI; 2002-179446/23.
XX
XX New polypeptide, for raising antibodies that recognize hGDMPLP-1 proteins,
PT or as specific biomolecule capture probes for surface-enhanced laser
PT desorption ionization, comprises human myosin-like protein hGDMPLP-1.
XX
XX Disclosure; SEQ ID NO 7920; 214pp; English.
XX
XX The present invention describes a human genome-derived myosin-like
CC protein 1 (hGDMPLP-1). The protein and polynucleotide sequences of hGDMPLP-
CC 1 can be used in gene therapy and vaccine production. The hGDMPLP-1
CC nucleic acids can be used as probes to detect, characterise and quantify
CC hGDMPLP-1 nucleic acids in samples, as amplification substrates, to
CC provide initial substrates for the recombinant engineering of hGDMPLP-1
CC protein variants having desired phenotypic improvements, and for
CC expressing the proteins. The hGDMPLP-1 proteins or polypeptides may be
CC used as immunogens to raise antibodies that specifically recognise hGDMPLP
CC -1 proteins, as standards in assays used to determine the concentration
CC and/or amount specifically of hGDMPLP proteins, as specific biomolecule
CC capture probes for surface-enhanced laser desorption ionisation, as
CC therapeutic supplement in patients having specific deficiency in hGDMPLP-1
CC production, and in vaccines or for replacement therapy. The
CC polynucleotide sequences encoding hGDMPLP-1 may be used for diagnosing a
CC disorder associated with the expression of hGDMPLP-1, in particular heart
CC and skeletal muscle disorders. hGDMPLP-1 is localised to chromosome 22.
CC The present sequence represents an oligomer used in the screening of the
CC hGDMPLP-1 sequence in the exemplification of the present invention. N.B.
CC The sequence data for this patent did not form part of the printed
CC specification, but was obtained in electronic format directly from WIPO
CC at ftp.wipo.int/pub/published_pct_sequence
XX
XX Sequence 17 BP; 4 A; 2 C; 8 G; 3 T; 0 U; 0 Other;
SQ
Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.9e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 803 CTCCTCTCCAACTCAG 818
Db 16 CTCCTCTCAAGCCAG 1
RESULT 1264
ABN00812/c
ID ABN00812 standard; DNA; 17 BP.
XX
XX AC ABN00812;
XX
XX 29-MAY-2002 (first entry)
XX
XX Human GDMPLP-1 17-mer scanning SEQ ID NO:4 sequence SEQ ID NO:804.
XX
XX Human; genome-derived myosin-like protein 1; GDMPLP-1; hGDMPLP-1; heart;
KW muscle; myosin; chromosome 22; gene therapy; vaccine; heart disease;
KW skeletal muscle disorder; amplicon; screening; ss.
XX
XX Homo sapiens.
XX
XX WO200192524-A2.
XX
XX 06-DEC-2001.
XX
XX 25-MAY-2001; 2001WO-US016981.
XX
XX 26-MAY-2000; 2000US-0207456P.

PR 21-SEP-2000; 2000US-0234687P.
 PR 27-SEP-2000; 2000US-0236359P.
 PR 04-OCT-2000; 2000GB-00024263.
 PR 30-JAN-2001; 2001WO-US000661.
 PR 30-JAN-2001; 2001WO-US000662.
 PR 30-JAN-2001; 2001WO-US000663.
 PR 30-JAN-2001; 2001WO-US000664.
 PR 30-JAN-2001; 2001WO-US000665.
 PR 30-JAN-2001; 2001WO-US000666.
 PR 30-JAN-2001; 2001WO-US000667.
 PR 30-JAN-2001; 2001WO-US000668.
 PR 30-JAN-2001; 2001WO-US000669.
 PR 05-FEB-2001; 2001WO-US000670.
 PR 05-FEB-2001; 2001US-0266860P.
 XX (AEOM-) AEOMICA INC.
 PA Gu Y, Ji Y, Penn SG, Hanzel DK, Rank DR, Chen W, Shannon ME;
 PI WPI; 2002-179446/23.
 XX New polypeptide, for raising antibodies that recognize hGDMPLP-1 proteins,
 PT or as specific biomolecule capture probes for surface-enhanced laser
 PT desorption ionization, comprises human myosin-like protein hGDMPLP-1.
 XX Disclosure; SEQ ID NO 804; 214pp; English.
 XX The present invention describes a human genome-derived myosin-like
 CC protein 1 (hGDMPLP-1). The protein and polynucleotide sequences of hGDMPLP-
 CC 1 can be used in gene therapy and vaccine production. The hGDMPLP-1
 CC nucleic acids can be used as probes to detect, characterise and quantify
 CC hGDMPLP-1 nucleic acids in samples, as amplification substrates, to
 CC provide initial substrates for the recombinant engineering of hGDMPLP-1
 CC protein variants having desired phenotypic improvements, and for
 CC expressing the proteins. The hGDMPLP-1 proteins or polypeptides may be
 CC used as immunogens to raise antibodies that specifically recognise hGDMPLP
 CC -1 proteins, as standards in assays used to determine the concentration
 CC and/or amount specifically of hGDMPLP proteins, as specific biomolecule
 CC capture probes for surface-enhanced laser desorption ionisation, as
 CC therapeutic supplement in patients having specific deficiency in hGDMPLP-1
 CC production, and in vaccines or for replacement therapy. The
 CC polynucleotide sequences encoding hGDMPLP-1 may be used for diagnosing a
 CC disorder associated with the expression of hGDMPLP-1, in particular heart
 CC and skeletal muscle disorders. hGDMPLP-1 is localised to chromosome 22.
 CC The present sequence represents an oligomer used in the screening of the
 CC hGDMPLP-1 sequence in the exemplification of the present invention. N.B.
 CC The sequence data for this patent did not form part of the printed
 CC specification, but was obtained in electronic format directly from WIPO
 CC at ftp.wipo.int/pub/published_pct_sequence
 XX Sequence 17 BP; 7 A; 4 C; 5 G; 1 T; 0 U; 0 Other;
 SQ Query Match 3.9%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 7.9e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
 QY 894 CTTCTCAGCTTCGCG 909
 DB 16 CTTCTCAGCTTCGCG 1
 RESULT 1265
 ABN07397/c
 ID ABN07397 standard; DNA; 17 BP.
 XX AC ABN07397;
 XX DT 29-MAY-2002 (first entry)
 XX Human GDMPLP-1 17-mer scanning SEQ ID NO:5 sequence SEQ ID NO:7389.
 DE Human; genome-derived myosin-like protein 1; GDMPLP-1; heart;
 XX muscle; myosin; chromosome 22; gene therapy; vaccine; heart disease;
 KW

KW skeletal muscle disorder; amplicon; screening; ss.
 XX Homo sapiens.
 OS WO200192524-A2.
 PN 06-DEC-2001.
 PD 25-MAY-2001; 2001WO-US016981.
 PF 26-MAY-2000; 2000US-0207456P.
 XX 21-SEP-2000; 2000US-0234687P.
 PR 27-SEP-2000; 2000US-0236359P.
 PR 04-OCT-2000; 2000GB-00024263.
 PR 30-JAN-2001; 2001WO-US000661.
 PR 30-JAN-2001; 2001WO-US000662.
 PR 30-JAN-2001; 2001WO-US000663.
 PR 30-JAN-2001; 2001WO-US000664.
 PR 30-JAN-2001; 2001WO-US000665.
 PR 30-JAN-2001; 2001WO-US000666.
 PR 30-JAN-2001; 2001WO-US000667.
 PR 30-JAN-2001; 2001WO-US000668.
 PR 30-JAN-2001; 2001WO-US000669.
 PR 05-FEB-2001; 2001WO-US000670.
 PR 05-FEB-2001; 2001US-0266860P.
 XX (AEOM-) AEOMICA INC.
 PA Gu Y, Ji Y, Penn SG, Hanzel DK, Rank DR, Chen W, Shannon ME;
 PI WPI; 2002-179446/23.
 XX New polypeptide, for raising antibodies that recognize hGDMPLP-1 proteins,
 PT or as specific biomolecule capture probes for surface-enhanced laser
 PT desorption ionization, comprises human myosin-like protein hGDMPLP-1.
 XX Disclosure; SEQ ID NO 7389; 214pp; English.
 XX The present invention describes a human genome-derived myosin-like
 CC protein 1 (hGDMPLP-1). The protein and polynucleotide sequences of hGDMPLP-
 CC 1 can be used in gene therapy and vaccine production. The hGDMPLP-1
 CC nucleic acids can be used as probes to detect, characterise and quantify
 CC hGDMPLP-1 nucleic acids in samples, as amplification substrates, to
 CC provide initial substrates for the recombinant engineering of hGDMPLP-1
 CC protein variants having desired phenotypic improvements, and for
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 CC used as immunogens to raise antibodies that specifically recognise hGDMPLP
 CC -1 proteins, as standards in assays used to determine the concentration
 CC and/or amount specifically of hGDMPLP proteins, as specific biomolecule
 CC capture probes for surface-enhanced laser desorption ionisation, as
 CC therapeutic supplement in patients having specific deficiency in hGDMPLP-1
 CC production, and in vaccines or for replacement therapy. The
 CC polynucleotide sequences encoding hGDMPLP-1 may be used for diagnosing a
 CC disorder associated with the expression of hGDMPLP-1, in particular heart
 CC and skeletal muscle disorders. hGDMPLP-1 is localised to chromosome 22.
 CC The present sequence represents an oligomer used in the screening of the
 CC hGDMPLP-1 sequence in the exemplification of the present invention. N.B.
 CC The sequence data for this patent did not form part of the printed
 CC specification, but was obtained in electronic format directly from WIPO
 CC at ftp.wipo.int/pub/published_pct_sequence
 XX Sequence 17 BP; 5 A; 4 C; 5 G; 3 T; 0 U; 0 Other;
 SQ Query Match 3.9%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 7.9e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
 QY 865 AGTTGGACACTTTC 880
 DB 17 AGTGGATCCCTTTC 2
 RESULT 1266

ABN07927/c
ID ABN07927 standard; DNA; 17 BP.
AC ABN07927;
XX
XX
DT 29-MAY-2002 (first entry)
XX
DE Human GDMPLP-1 17-mer scanning SEQ ID NO:5 sequence SEQ ID NO:7919.
XX
KW Human; genome-derived myosin-like protein 1; GDMPLP-1; hGDMPLP-1; heart;
KW muscle; myosin; chromosome 22; gene therapy; vaccine; heart disease;
KW skeletal muscle disorder; amplicon; screening; ss.
XX
OS Homo sapiens.
XX
XX WO200192524-A2.
XX
XX
PD 06-DEC-2001.
XX
XX 25-MAY-2001; 2001WO-US016981.
XX
XX 26-MAY-2000; 2000US-0207456P.
XX 21-SEP-2000; 2000US-0234687P.
XX 27-SEP-2000; 2000US-0236359P.
XX 04-OCT-2000; 2000GB-00024263.
XX 30-JAN-2001; 2001WO-US000661.
XX 30-JAN-2001; 2001WO-US000662.
XX 30-JAN-2001; 2001WO-US000663.
XX 30-JAN-2001; 2001WO-US000664.
XX 30-JAN-2001; 2001WO-US000665.
XX 30-JAN-2001; 2001WO-US000666.
XX 30-JAN-2001; 2001WO-US000667.
XX 30-JAN-2001; 2001WO-US000668.
XX 30-JAN-2001; 2001WO-US000669.
XX 05-FEB-2001; 2001US-0266860P.
XX
XX (AEOM-) AEOMICA INC.
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XX Gu Y, Ji Y, Penn SG, Hanzel DK, Rank DR, Chen W, Shannon ME;
XX WPI; 2002-179446/23.
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XX New polypeptide, for raising antibodies that recognize hGDMPLP-1 proteins,
PT or as specific biomolecule capture probes for surface-enhanced laser
PT desorption ionization, comprises human myosin-like protein hGDMPLP-1.
XX
XX Disclosure; SEQ ID NO 7919; 214pp; English.
XX
XX The present invention describes a human genome-derived myosin-like
CC protein 1 (hGDMPLP-1). The protein and polynucleotide sequences of hGDMPLP-
CC 1 can be used in gene therapy and vaccine production. The hGDMPLP-1
CC nucleic acids can be used as probes to detect, characterise and quantify
CC hGDMPLP-1 nucleic acids in samples, as amplification substrates, to
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CC used as immunogens to raise antibodies that specifically recognise hGDMPLP-
CC -1 proteins, as standards in assays used to determine the concentration
CC and/or amount specifically of hGDMPLP proteins as specific biomolecule
CC capture probes for surface-enhanced laser desorption/ionisation, as
CC therapeutic supplement in patients having specific deficiency in hGDMPLP-1
CC production, and in vaccines or for replacement therapy. The hGDMPLP-1
CC polynucleotide sequences encoding hGDMPLP-1 may be used for diagnosing a
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CC and skeletal muscle disorders. hGDMPLP-1 is localised to chromosome 22.
CC The present sequence represents an oligomer used in the screening of the
CC hGDMPLP-1 sequence in the exemplification of the present invention. N.B.
CC The sequence data for this patent did not form part of the printed
CC specification, but was obtained in electronic format directly from WIPO
CC at ftp.wipo.int/pub/published_pct_sequence
XX
XX Sequence 17 BP; 4 A; 2 C; 8 G; 3 T; 0 U; 0 Other;

Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. NO. 7.9e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Qy 803 CTCTCTCTCAACTCAG 818
Db 17 CTCTCTCTCAAGCCAG 2
RESULT 1267
ABN02236
ID ABN02236 standard; DNA; 17 BP.
XX
XX AC ABN02236;
XX
XX 29-MAY-2002 (first entry)
XX
XX DE Human GDMPLP-1 17-mer scanning SEQ ID NO:4 sequence SEQ ID NO:2228.
XX
XX KW Human; genome-derived myosin-like protein 1; GDMPLP-1; hGDMPLP-1; heart;
KW muscle; myosin; chromosome 22; gene therapy; vaccine; heart disease;
KW skeletal muscle disorder; amplicon; screening; ss.
XX
XX OS Homo sapiens.
XX
XX PN WO200192524-A2.
XX
XX PD 06-DEC-2001.
XX
XX 25-MAY-2001; 2001WO-US016981.
XX 26-MAY-2000; 2000US-0207456P.
XX 21-SEP-2000; 2000US-0234687P.
XX 27-SEP-2000; 2000US-0236359P.
XX 04-OCT-2000; 2000GB-00024263.
XX 30-JAN-2001; 2001WO-US000661.
XX 30-JAN-2001; 2001WO-US000662.
XX 30-JAN-2001; 2001WO-US000663.
XX 30-JAN-2001; 2001WO-US000664.
XX 30-JAN-2001; 2001WO-US000665.
XX 30-JAN-2001; 2001WO-US000666.
XX 30-JAN-2001; 2001WO-US000667.
XX 30-JAN-2001; 2001WO-US000668.
XX 30-JAN-2001; 2001WO-US000669.
XX 05-FEB-2001; 2001US-0266860P.
XX
XX (AEOM-) AEOMICA INC.
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XX Gu Y, Ji Y, Penn SG, Hanzel DK, Rank DR, Chen W, Shannon ME;
XX WPI; 2002-179446/23.
XX
XX New polypeptide, for raising antibodies that recognize hGDMPLP-1 proteins,
PT or as specific biomolecule capture probes for surface-enhanced laser
PT desorption ionization, comprises human myosin-like protein hGDMPLP-1.
XX
XX Disclosure; SEQ ID NO 2228; 214pp; English.
XX
XX The present invention describes a human genome-derived myosin-like
CC protein 1 (hGDMPLP-1). The protein and polynucleotide sequences of hGDMPLP-
CC 1 can be used in gene therapy and vaccine production. The hGDMPLP-1
CC nucleic acids can be used as probes to detect, characterise and quantify
CC hGDMPLP-1 nucleic acids in samples, as amplification substrates, to
CC provide initial substrates for the recombinant engineering of hGDMPLP-1
CC protein variants having desired phenotypic improvements, and for
CC expressing the proteins. The hGDMPLP-1 proteins or polypeptides may be
CC used as immunogens to raise antibodies that specifically recognise hGDMPLP-
CC -1 proteins, as standards in assays used to determine the concentration
CC and/or amount specifically of hGDMPLP proteins as specific biomolecule
CC capture probes for surface-enhanced laser desorption/ionisation, as
CC therapeutic supplement in patients having specific deficiency in hGDMPLP-1
CC production, and in vaccines or for replacement therapy. The hGDMPLP-1
CC polynucleotide sequences encoding hGDMPLP-1 may be used for diagnosing a
CC disorder associated with the expression of hGDMPLP-1, in particular heart
CC and skeletal muscle disorders. hGDMPLP-1 is localised to chromosome 22.
CC The present sequence represents an oligomer used in the screening of the
CC hGDMPLP-1 sequence in the exemplification of the present invention. N.B.
CC The sequence data for this patent did not form part of the printed
CC specification, but was obtained in electronic format directly from WIPO
CC at ftp.wipo.int/pub/published_pct_sequence
XX
XX Sequence 17 BP; 4 A; 2 C; 8 G; 3 T; 0 U; 0 Other;

CC production, and in vaccines or for replacement therapy. The
 CC polynucleotide sequences encoding hGDMPLP-1 may be used for diagnosing a
 CC disorder associated with the expression of hGDMPLP-1, in particular heart
 CC and skeletal muscle disorders. hGDMPLP-1 is localised to chromosome 22.
 CC The present sequence represents an oligomer used in the screening of the
 CC hGDMPLP-1 sequence in the exemplification of the present invention. N.B.
 CC The sequence data for this patent did not form part of the printed
 CC specification, but was obtained in electronic format directly from WIPO
 CC at ftp.wipo.int/pub/published_pct_sequence

XX SQ Sequence 17 BP; 3 A; 3 C; 7 G; 4 T; 0 U; 0 Other;

Query Match 3.9%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 7.9e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 742 TGGTACGGTCCAGG 757
 Db 2 TGGCAGGCTCAGT 17

RESULT 1268

ABN02799
 ID ABN02799 standard; DNA; 17 BP.

XX AC ABN02799;

XX DT 29-MAY-2002 (first entry)

XX DE Human GDMPLP-1 17-mer scanning SEQ ID NO:4 sequence SEQ ID NO:2791.

XX KW Human; genome-derived myosin-like protein 1; GDMPLP-1; hGDMPLP-1; heart;
 KW muscle; myosin; chromosome 22; gene therapy; vaccine; heart disease;
 KW skeletal muscle disorder; amplicon; screening; ss.

XX OS Homo sapiens.

XX PN WO200192524-A2.

XX PD 06-DEC-2001.

XX PF 25-MAY-2001; 2001WO-US016981.

XX PR 26-MAY-2000; 2000US-0207456P.

XX PR 21-SEP-2000; 2000US-0234687P.

XX PR 27-SEP-2000; 2000US-0236359P.

XX PR 04-OCT-2000; 2000GB-00024263.

XX PR 30-JAN-2001; 2001WO-US000661.

XX PR 30-JAN-2001; 2001WO-US000662.

XX PR 30-JAN-2001; 2001WO-US000663.

XX PR 30-JAN-2001; 2001WO-US000669.

XX PR 05-FEB-2001; 2001WO-US000670.

XX PA (AEOM-) AEOMICA INC.

XX PI Gu Y, Ji Y, Penn SG, Hanzel DK, Rank DR, Chen W, Shannon ME;

XX DR WPI; 2002-179446/23.

XX PT New polypeptide, for raising antibodies that recognize hGDMPLP-1 proteins,
 PT or as specific biomolecule capture probes for surface-enhanced laser
 PT desorption ionization, comprises human myosin-like protein hGDMPLP-1.

XX PS Disclosure; SEQ ID NO 2791; 214pp; English.

XX CC The present invention describes a human genome-derived myosin-like
 CC protein 1 (hGDMPLP-1). The protein and polynucleotide sequences of hGDMPLP-

CC 1 can be used in gene therapy and vaccine production. The hGDMPLP-1
 CC nucleic acids can be used as probes to detect, characterise and quantify
 CC hGDMPLP-1 nucleic acids in samples, as amplification substrates, to
 CC provide initial substrates for the recombinant engineering of hGDMPLP-1
 CC protein variants having desired phenotypic improvements, and for
 CC expressing the proteins. The hGDMPLP-1 proteins or polypeptides may be
 CC used as immunogens to raise antibodies that specifically recognise hGDMPLP
 CC -1 proteins, as standards in assays used to determine the concentration
 CC and/or amount specifically of hGDMPLP proteins, as specific biomolecule
 CC capture probes for surface-enhanced laser desorption/ionisation, as
 CC therapeutic supplement in patients having specific deficiency in hGDMPLP-1
 CC production, and in vaccines or for replacement therapy. The
 CC polynucleotide sequences encoding hGDMPLP-1 may be used for diagnosing a
 CC disorder associated with the expression of hGDMPLP-1, in particular heart
 CC and skeletal muscle disorders. hGDMPLP-1 is localised to chromosome 22.
 CC The present sequence represents an oligomer used in the screening of the
 CC hGDMPLP-1 sequence in the exemplification of the present invention. N.B.
 CC The sequence data for this patent did not form part of the printed
 CC specification, but was obtained in electronic format directly from WIPO
 CC at ftp.wipo.int/pub/published_pct_sequence

XX SQ Sequence 17 BP; 5 A; 7 C; 2 G; 3 T; 0 U; 0 Other;

Query Match 3.9%; Score 11.2; DB 1; Length 17;

Best Local Similarity 81.2%; Pred. No. 7.9e+02;

Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 926 CACCACCTCCAGAGA 941

Db 1 CACCACCTCCAGAGA 16

RESULT 1269

ABN06487/c

ID ABN06487 standard; DNA; 17 BP.

XX AC ABN06487;

XX DT 29-MAY-2002 (first entry)

XX DE Human GDMPLP-1 17-mer scanning SEQ ID NO:5 sequence SEQ ID NO:6479.

XX KW Human; genome-derived myosin-like protein 1; GDMPLP-1; hGDMPLP-1; heart;
 KW muscle; myosin; chromosome 22; gene therapy; vaccine; heart disease;
 KW skeletal muscle disorder; amplicon; screening; ss.

XX OS Homo sapiens.

XX PN WO200192524-A2.

XX PD 06-DEC-2001.

XX PF 25-MAY-2001; 2001WO-US016981.

XX PR 26-MAY-2000; 2000US-0207456P.

XX PR 21-SEP-2000; 2000US-0234687P.

XX PR 27-SEP-2000; 2000US-0236359P.

XX PR 04-OCT-2000; 2000GB-00024263.

XX PR 30-JAN-2001; 2001WO-US000661.

XX PR 30-JAN-2001; 2001WO-US000662.

XX PR 30-JAN-2001; 2001WO-US000663.

XX PR 30-JAN-2001; 2001WO-US000665.

XX PR 30-JAN-2001; 2001WO-US000666.

XX PR 30-JAN-2001; 2001WO-US000667.

XX PR 30-JAN-2001; 2001WO-US000668.

XX PR 30-JAN-2001; 2001WO-US000669.

XX PR 05-FEB-2001; 2001WO-US000670.

XX PA (AEOM-) AEOMICA INC.

XX PI Gu Y, Ji Y, Penn SG, Hanzel DK, Rank DR, Chen W, Shannon ME;

XX WPI; 2002-179446/23.
XX
XX New polypeptide, for raising antibodies that recognize hGDMPLP-1 proteins,
PT or as specific biomolecule capture probes for surface-enhanced laser
PT desorption ionization, comprises human myosin-like protein hGDMPLP-1.
XX
XX Disclosure; SEQ ID NO 6479; 214pp; English.
XX
XX The present invention describes a human genome-derived myosin-like
CC protein 1 (hGDMPLP-1). The protein and polynucleotide sequences of hGDMPLP-
CC 1 can be used in gene therapy and vaccine production. The hGDMPLP-1
CC nucleic acids can be used as probes to detect, characterise and quantify
CC hGDMPLP-1 nucleic acids in samples, as amplification substrates, to
CC provide initial substrates for the recombinant engineering of hGDMPLP-1
CC protein variants having desired phenotypic improvements, and for
CC expressing the proteins. The hGDMPLP-1 proteins or polypeptides may be
CC used as immunogens to raise antibodies that specifically recognise hGDMPLP-
CC -1 proteins, as standards in assays used to determine the concentration
CC and/or amount specifically of hGDMPLP proteins, as specific biomolecule
CC capture probes for surface-enhanced laser desorption/ionisation, as
CC therapeutic supplement in patients having specific deficiency in hGDMPLP-1
CC production, and in vaccines or for replacement therapy. The
CC polynucleotide sequences encoding hGDMPLP-1 may be used for diagnosing a
CC disorder associated with the expression of hGDMPLP-1, in particular heart
CC and skeletal muscle disorders. hGDMPLP-1 is localised to chromosome 22.
CC The present sequence represents an oligomer used in the screening of the
CC hGDMPLP-1 sequence in the exemplification of the present invention. N.B.
CC The sequence data for this patent did not form part of the printed
CC specification, but was obtained in electronic format directly from WIPO
CC at ftp.wipo.int/pub/published_pct_sequence
XX
SQ Sequence 17 BP; 4 A; 5 C; 5 G; 3 T; 0 U; 0 Other;

Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.9e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 809 TCACACTCAGGTTGG 824
DB 17 TCACACACAGGGTTG 2

RESULT 1270
ABN08228
ID ABN08228 standard; DNA; 17 BP.
XX
AC ABN08228;
XX
XX 29-MAY-2002 (first entry)
XX
XX Human GDMPLP-1 17-mer scanning SEQ ID NO:5 sequence SEQ ID NO:8220.
XX
XX Human; genome-derived myosin-like protein 1; GDMPLP-1; heart;
KW muscle; myosin; chromosome 22; gene therapy; vaccine; heart disease;
KW skeletal muscle disorder; amplicon; screening; ss.
XX
XX Homo sapiens.
XX
XX WO200192524-A2.
XX
XX 06-DEC-2001.
XX
XX 25-MAY-2001; 2001WO-US015981.
XX
XX 26-MAY-2000; 2000US-0207456P.
PR 21-SEP-2000; 2000US-0234687P.
PR 27-SEP-2000; 2000US-0236359P.
PR 04-OCT-2000; 2000GB-00024263.
PR 30-JAN-2001; 2001WO-US000661.
PR 30-JAN-2001; 2001WO-US000662.
PR 30-JAN-2001; 2001WO-US000663.
PR 30-JAN-2001; 2001WO-US000664.

PR 30-JAN-2001; 2001WO-US000665.
PR 30-JAN-2001; 2001WO-US000666.
PR 30-JAN-2001; 2001WO-US000667.
PR 30-JAN-2001; 2001WO-US000668.
PR 30-JAN-2001; 2001WO-US000669.
PR 30-JAN-2001; 2001WO-US000670.
PR 05-FEB-2001; 2001US-0266860P.
XX
XX (AEOM-) AEOMICA INC.
XX
XX Gu Y, Ji Y, Penn SG, Hanzel DK, Rank DR, Chen W, Shannon ME;
XX WPI; 2002-179446/23.
XX
XX New polypeptide, for raising antibodies that recognize hGDMPLP-1 proteins,
PT or as specific biomolecule capture probes for surface-enhanced laser
PT desorption ionization, comprises human myosin-like protein hGDMPLP-1.
XX
XX Disclosure; SEQ ID NO 8220; 214pp; English.
XX
XX The present invention describes a human genome-derived myosin-like
CC protein 1 (hGDMPLP-1). The protein and polynucleotide sequences of hGDMPLP-
CC 1 can be used in gene therapy and vaccine production. The hGDMPLP-1
CC nucleic acids can be used as probes to detect, characterise and quantify
CC hGDMPLP-1 nucleic acids in samples, as amplification substrates, to
CC provide initial substrates for the recombinant engineering of hGDMPLP-1
CC protein variants having desired phenotypic improvements, and for
CC expressing the proteins. The hGDMPLP-1 proteins or polypeptides may be
CC used as immunogens to raise antibodies that specifically recognise hGDMPLP-
CC -1 proteins, as standards in assays used to determine the concentration
CC and/or amount specifically of hGDMPLP proteins, as specific biomolecule
CC capture probes for surface-enhanced laser desorption/ionisation, as
CC therapeutic supplement in patients having specific deficiency in hGDMPLP-1
CC production, and in vaccines or for replacement therapy. The
CC polynucleotide sequences encoding hGDMPLP-1 may be used for diagnosing a
CC disorder associated with the expression of hGDMPLP-1, in particular heart
CC and skeletal muscle disorders. hGDMPLP-1 is localised to chromosome 22.
CC The present sequence represents an oligomer used in the screening of the
CC hGDMPLP-1 sequence in the exemplification of the present invention. N.B.
CC The sequence data for this patent did not form part of the printed
CC specification, but was obtained in electronic format directly from WIPO
CC at ftp.wipo.int/pub/published_pct_sequence
XX
SQ Sequence 17 BP; 3 A; 6 C; 3 G; 5 T; 0 U; 0 Other;

Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.9e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 902 CTCTCGCATCAGATT 917
DB 2 CCTCTGTGACAGATT 17

RESULT 1271
ABN08229
ID ABN08229 standard; DNA; 17 BP.
XX
XX ABN08229;
XX
XX 29-MAY-2002 (first entry)
XX
XX Human GDMPLP-1 17-mer scanning SEQ ID NO:5 sequence SEQ ID NO:8221.
XX
XX Human; genome-derived myosin-like protein 1; GDMPLP-1; heart;
KW muscle; myosin; chromosome 22; gene therapy; vaccine; heart disease;
KW skeletal muscle disorder; amplicon; screening; ss.
XX
XX Homo sapiens.
XX
XX WO200192524-A2.
XX
XX 06-DEC-2001.

CC specification, but was obtained in electronic format directly from WIPO
 CC at ftp.wipo.int/pub/published_pct_sequence
 XX
 SQ Sequence 17 BP; 6 A; 6 C; 4 G; 1 T; 0 U; 0 Other;
 Query Match 3.9%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 7.9e-02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0

QY 814 CTCAGGGTTGGCTGTG 829
 ||| ||| ||| ||| |||
 Db 16 CTCGGCTTGGCTGAG 1

RESULT 1274
 ABN00671/c
 ID AEN00671 standard; DNA; 17 BP.
 XX
 AC AEN00671;
 XX
 DT 29-MAY-2002 (first entry)
 XX
 DE Human GDMPLP-1 17-mer scanning SEQ ID NO:4 sequence SEQ ID NO:663.
 KW Human; genome-derived myosin-like protein 1; GDMPLP-1; hGDMPLP-1; heart;
 KW muscle; myosin; chromosome 22; gene therapy; vaccine; heart disease;
 KW skeletal muscle disorder; amplicon; screening; ss.
 XX
 OS Homo sapiens.
 XX
 PN WO2001192524-A2.
 XX
 PD 06-DEC-2001.
 XX
 PF 25-MAY-2001; 2001WO-US016981.
 XX
 PR 26-MAY-2000; 2000US-0207456P.
 PR 21-SEP-2000; 2000US-0234687P.
 PR 27-SEP-2000; 2000US-0236359P.
 PR 04-OCT-2000; 2000GB-00024263.
 PR 30-JAN-2001; 2001WO-US000661.
 PR 30-JAN-2001; 2001WO-US000662.
 PR 30-JAN-2001; 2001WO-US000663.
 PR 30-JAN-2001; 2001WO-US000664.
 PR 30-JAN-2001; 2001WO-US000665.
 PR 30-JAN-2001; 2001WO-US000666.
 PR 30-JAN-2001; 2001WO-US000667.
 PR 30-JAN-2001; 2001WO-US000668.
 PR 30-JAN-2001; 2001WO-US000669.
 PR 05-FEB-2001; 2001US-0266860P.
 XX
 PA (AEOM-) AEOMICA INC.
 XX
 PI Gu Y, Ji Y, Penn SG, Hanzel DK, Rank DR, Chen W, Shannon ME;
 XX
 DR WPI; 2002-179446/23.
 XX
 PT New polypeptide, for raising antibodies that recognize hGDMPLP-1 proteins,
 PT or as specific biomolecule capture probes for surface-enhanced laser
 PT desorption ionization, comprises human myosin-like protein hGDMPLP-1.
 XX
 PS Disclosure; SEQ ID NO 663; 214pp; English.
 XX
 CC The present invention describes a human genome-derived myosin-like
 CC protein 1 (hGDMPLP-1). The protein and polynucleotide sequences of hGDMPLP-
 CC 1 can be used in gene therapy and vaccine production. The hGDMPLP-1
 CC nucleic acids can be used as probes to detect, characterise and quantify
 CC hGDMPLP-1 nucleic acids in samples, as amplification substrates, to
 CC provide initial substrates for the recombinant engineering of hGDMPLP-1
 CC protein variants having desired phenotypic improvements, and for
 CC expressing the proteins. The hGDMPLP-1 proteins or polypeptides may be
 CC used as immunogens to raise antibodies that specifically recognise hGDMPLP-
 CC 1 proteins, as standards in assays used to determine the concentration
 CC and/or amount specifically of hGDMPLP proteins, as specific biomolecule
 CC capture probes for surface-enhanced laser desorption ionisation, as
 CC therapeutic supplement in patients having specific deficiency in hGDMPLP-1
 CC production, and in vaccines or for replacement therapy. The
 CC polynucleotide sequences encoding hGDMPLP-1 may be used for diagnosing a
 CC disorder associated with the expression of hGDMPLP-1, in particular heart
 CC and skeletal muscle disorders. hGDMPLP-1 is localised to chromosome 22.
 CC The present sequence represents an oligomer used in the screening of the
 CC hGDMPLP-1 sequence in the exemplification of the present invention. N.B.
 CC The sequence data for this patent did not form part of the printed

CC -1 proteins, as standards in assays used to determine the concentration
 CC and/or amount specifically of hGDMLP proteins, as specific biomolecule
 CC capture probes for surface-enhanced laser desorption/ionization, as
 CC therapeutic supplement in patients having specific deficiency in hGDMLP-1
 CC production, and in vaccines or for replacement therapy. The
 CC polynucleotide sequences encoding hGDMLP-1 may be used for diagnosing a
 CC disorder associated with the expression of hGDMLP-1, in particular heart
 CC and skeletal muscle disorders. hGDMLP-1 is localised to chromosome 22.
 CC The present sequence represents an oligomer used in the screening of the
 CC hGDMLP-1 sequence in the exemplification of the present invention. N.B.
 CC The sequence data for this patent did not form part of the printed
 CC specification, but was obtained in electronic format directly from WIPO
 CC at ftp.wipo.int/pub/published_pct_sequence
 XX
 SQ Sequence 17 BP; 4 A; 8 C; 3 G; 2 T; 0 U; 0 Other;

Query Match 3.9%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 7.9e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 704 CCAGCGAGTCCGAGCA 719
 |||||
 Db 2 CCTCCGAGTCCGAGCA 17

RESULT 1275
 ID ABN00238 standard; DNA; 17 BP.
 XX
 AC ABN00238;

DT 29-MAY-2002 (first entry)
 XX
 DE Human GDMLP-1 17-mer scanning SEQ ID NO:4 sequence SEQ ID NO:230.

XX Human; genome-derived myosin-like protein 1; GDMLP-1; hGDMLP-1; heart;
 KW muscle; myosin; chromosome 22; gene therapy; vaccine; heart disease;
 KW skeletal muscle disorder; ampicillin; screening; ss.
 XX
 OS Homo sapiens.

XX WO200192524-A2.

XX 06-DEC-2001.

XX 25-MAY-2001; 2001WO-US016981.

XX 26-MAY-2000; 2000US-0207456P.

XX 21-SEP-2000; 2000US-0234687P.

XX 27-SEP-2000; 2000US-0236359P.

XX 04-OCT-2000; 2000GB-00024263.

XX 30-JAN-2001; 2001WO-US000661.

XX 30-JAN-2001; 2001WO-US000662.

XX 30-JAN-2001; 2001WO-US000663.

XX 30-JAN-2001; 2001WO-US000664.

XX 30-JAN-2001; 2001WO-US000665.

XX 30-JAN-2001; 2001WO-US000666.

XX 30-JAN-2001; 2001WO-US000667.

XX 30-JAN-2001; 2001WO-US000668.

XX 30-JAN-2001; 2001WO-US000669.

XX 05-FEB-2001; 2001US-0266860P.

XX (AEOM-) AEOMICA INC.

XX Gu Y, Ji Y, Penn SG, Hanzel DK, Rank DR, Chen W, Shannon ME;

XX WPI; 2002-179446/23.

XX New polypeptide, for raising antibodies that recognize hGDMLP-1 proteins,
 FT or as specific biomolecule capture probes for surface-enhanced laser
 FT desorption/ionization, comprises human myosin-like protein hGDMLP-1.
 XX

PS Disclosure; SEQ ID NO 230; 214pp; English.
 XX The present invention describes a human genome-derived myosin-like
 CC protein 1 (hGDMLP-1). The protein and polynucleotide sequences of hGDMLP-
 CC 1 can be used in gene therapy and vaccine production. The hGDMLP-1
 CC nucleic acids can be used as probes to detect, characterise and quantify
 CC hGDMLP-1 nucleic acids in samples, as amplification substrates, to
 CC provide initial substrates for the recombinant engineering of hGDMLP-1
 CC protein variants having desired phenotypic improvements, and for
 CC expressing the proteins. The hGDMLP-1 proteins or polypeptides may be
 CC used as immunogens to raise antibodies that specifically recognise hGDMLP
 CC -1 proteins, as standards in assays used to determine the concentration
 CC and/or amount specifically of hGDMLP proteins, as specific biomolecule
 CC capture probes for surface-enhanced laser desorption/ionisation, as
 CC therapeutic supplement in patients having specific deficiency in hGDMLP-1
 CC production, and in vaccines or for replacement therapy. The
 CC polynucleotide sequences encoding hGDMLP-1 may be used for diagnosing a
 CC disorder associated with the expression of hGDMLP-1, in particular heart
 CC and skeletal muscle disorders. hGDMLP-1 is localised to chromosome 22.
 CC The present sequence represents an oligomer used in the screening of the
 CC hGDMLP-1 sequence in the exemplification of the present invention. N.B.
 CC The sequence data for this patent did not form part of the printed
 CC specification, but was obtained in electronic format directly from WIPO
 CC at ftp.wipo.int/pub/published_pct_sequence
 XX

SQ Sequence 17 BP; 4 A; 9 C; 2 G; 2 T; 0 U; 0 Other;

Query Match 3.9%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 7.9e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 799 AGAGCTCTCTCCCAAC 814
 |||||
 Db 1 AGAGCCCTCCCAATC 16

RESULT 1276
 ABN00811/c

ID ABN00811 standard; DNA; 17 BP.

XX
 AC ABN00811;

XX 29-MAY-2002 (first entry)

XX Human GDMLP-1 17-mer scanning SEQ ID NO:4 sequence SEQ ID NO:803.

XX Human; genome-derived myosin-like protein 1; GDMLP-1; hGDMLP-1; heart;
 KW muscle; myosin; chromosome 22; gene therapy; vaccine; heart disease;
 KW skeletal muscle disorder; ampicillin; screening; ss.

XX Homo sapiens.

XX WO200192524-A2.

XX 06-DEC-2001.

XX 25-MAY-2001; 2001WO-US016981.

XX 26-MAY-2000; 2000US-0207456P.

XX 21-SEP-2000; 2000US-0234687P.

XX 27-SEP-2000; 2000US-0236359P.

XX 04-OCT-2000; 2000GB-00024263.

XX 30-JAN-2001; 2001WO-US000661.

XX 30-JAN-2001; 2001WO-US000662.

XX 30-JAN-2001; 2001WO-US000663.

XX 30-JAN-2001; 2001WO-US000664.

XX 30-JAN-2001; 2001WO-US000665.

XX 30-JAN-2001; 2001WO-US000666.

XX 30-JAN-2001; 2001WO-US000667.

XX 30-JAN-2001; 2001WO-US000668.

XX 30-JAN-2001; 2001WO-US000669.

XX 05-FEB-2001; 2001US-0266860P.


```

XX PA (AEOM-) AEOMICA INC.
XX PI Gu Y, Ji Y, Penn SG, Hanzel DK, Rank DR, Chen W, Shannon ME;
XX WPI; 2002-179446/23.
XX
XX New polypeptide, for raising antibodies that recognize hGDMPLP-1 proteins,
XX or as specific biomolecule capture probes for surface-enhanced laser
XX desorption ionization, comprises human myosin-like protein hGDMPLP-1.
XX
XX Disclosure; SEQ ID NO 803; 214pp; English.
XX
XX The present invention describes a human genome-derived myosin-like
XX protein 1 (hGDMPLP-1). The protein and polynucleotide sequences of hGDMPLP-
XX 1 can be used in gene therapy and vaccine production. The hGDMPLP-1
XX nucleic acids can be used as probes to detect, characterise and quantify
XX hGDMPLP-1 nucleic acids in samples, as amplification substrates, to
XX provide initial substrates for the recombinant engineering of hGDMPLP-1
XX protein variants having desired phenotypic improvements, and for
XX expressing the proteins. The hGDMPLP-1 proteins or polypeptides may be
XX used as immunogens to raise antibodies that specifically recognise hGDMPLP
XX -1 proteins, as standards in assays used to determine the concentration
XX and/or amount specifically of hGDMPLP proteins, as specific biomolecule
XX capture probes for surface-enhanced laser desorption ionisation, as
XX therapeutic supplement in patients having specific deficiency in hGDMPLP-1
XX production, and in vaccines or for replacement therapy. The
XX polynucleotide sequences encoding hGDMPLP-1 may be used for diagnosing a
XX disorder associated with the expression of hGDMPLP-1, in particular heart
XX and skeletal muscle disorders. hGDMPLP-1 is localised to chromosome 22.
XX The present sequence represents an oligomer used in the screening of the
XX hGDMPLP-1 sequence in the exemplification of the present invention. N.B.
XX The sequence data for this patent did not form part of the printed
XX specification, but was obtained in electronic format directly from WIPO
XX at ftp.wipo.int/pub/published_pct_sequence
XX
XX Sequence 17 BP; 6 A; 5 C; 5 G; 1 T; 0 U; 0 Other;
XX
XX Query Match 3.9%; Score 11.2; DB 1; Length 17;
XX Best Local Similarity 81.2%; Pred. No. 7.9e+02;
XX Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
XX
XX QY 894 CTTCAGCTTCTGCG 909
XX Db 17 CTTCAGCTTCTGCG 2
XX
XX RESULT 1277
XX ABN07402/C
XX ID ABN07402 standard; DNA; 17 BP.
XX AC ABN07402;
XX
XX 29-MAY-2002 (first entry)
XX Human GDMPLP-1 17-mer scanning SEQ ID NO:5 sequence SEQ ID NO:7394.
XX
XX Human; genome-derived myosin-like protein 1; GDMPLP-1; hGDMPLP-1; heart;
XX muscle; myosin; chromosome 22; gene therapy; vaccine; heart disease;
XX skeletal muscle disorder; amplicon; screening; ss.
XX Homo sapiens.
XX WO200192524-A2.
XX
XX 06-DEC-2001.
XX
XX 25-MAY-2001; 2001WO-US016981.
XX
XX 26-MAY-2000; 2000US-0207456P.
XX 21-SEP-2000; 2000US-0234687P.
XX 27-SEP-2000; 2000US-0236359P.
XX 04-OCT-2000; 2000GB-00004263.

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PR 30-JAN-2001; 2001WO-US000661.
PR 30-JAN-2001; 2001WO-US000662.
PR 30-JAN-2001; 2001WO-US000663.
PR 30-JAN-2001; 2001WO-US000664.
PR 30-JAN-2001; 2001WO-US000665.
PR 30-JAN-2001; 2001WO-US000666.
PR 30-JAN-2001; 2001WO-US000667.
PR 30-JAN-2001; 2001WO-US000668.
PR 30-JAN-2001; 2001WO-US000669.
PR 30-JAN-2001; 2001WO-US000670.
PR 05-FEB-2001; 2001US-0266860P.
XX
XX (AEOM-) AEOMICA INC.
XX
XX Gu Y, Ji Y, Penn SG, Hanzel DK, Rank DR, Chen W, Shannon ME;
XX WPI; 2002-179446/23.
XX
XX New polypeptide, for raising antibodies that recognize hGDMPLP-1 proteins,
XX or as specific biomolecule capture probes for surface-enhanced laser
XX desorption ionization, comprises human myosin-like protein hGDMPLP-1.
XX
XX Disclosure; SEQ ID NO 7394; 214pp; English.
XX
XX The present invention describes a human genome-derived myosin-like
XX protein 1 (hGDMPLP-1). The protein and polynucleotide sequences of hGDMPLP-
XX 1 can be used in gene therapy and vaccine production. The hGDMPLP-1
XX nucleic acids can be used as probes to detect, characterise and quantify
XX hGDMPLP-1 nucleic acids in samples, as amplification substrates, to
XX provide initial substrates for the recombinant engineering of hGDMPLP-1
XX protein variants having desired phenotypic improvements, and for
XX expressing the proteins. The hGDMPLP-1 proteins or polypeptides may be
XX used as immunogens to raise antibodies that specifically recognise hGDMPLP
XX -1 proteins, as standards in assays used to determine the concentration
XX and/or amount specifically of hGDMPLP proteins, as specific biomolecule
XX capture probes for surface-enhanced laser desorption ionisation, as
XX therapeutic supplement in patients having specific deficiency in hGDMPLP-1
XX production, and in vaccines or for replacement therapy. The
XX polynucleotide sequences encoding hGDMPLP-1 may be used for diagnosing a
XX disorder associated with the expression of hGDMPLP-1, in particular heart
XX and skeletal muscle disorders. hGDMPLP-1 is localised to chromosome 22.
XX The present sequence represents an oligomer used in the screening of the
XX hGDMPLP-1 sequence in the exemplification of the present invention. N.B.
XX The sequence data for this patent did not form part of the printed
XX specification, but was obtained in electronic format directly from WIPO
XX at ftp.wipo.int/pub/published_pct_sequence
XX
XX Sequence 17 BP; 4 A; 4 C; 7 G; 2 T; 0 U; 0 Other;
XX
XX Query Match 3.9%; Score 11.2; DB 1; Length 17;
XX Best Local Similarity 81.2%; Pred. No. 7.9e+02;
XX Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
XX
XX QY 861 CTCACGTTGGAACT 876
XX Db 16 CTCACGTTGGATCCT 1
XX
XX RESULT 1278
XX ABN08918
XX ID ABN08918 standard; DNA; 17 BP.
XX AC ABN08918;
XX
XX 29-MAY-2002 (first entry)
XX Human GDMPLP-1 17-mer scanning SEQ ID NO:5 sequence SEQ ID NO:8910.
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XX Human; genome-derived myosin-like protein 1; GDMPLP-1; hGDMPLP-1; heart;
XX muscle; myosin; chromosome 22; gene therapy; vaccine; heart disease;
XX skeletal muscle disorder; amplicon; screening; ss.
XX Homo sapiens.

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XX WO200192524-A2.
 XX 06-DEC-2001.
 XX 25-MAY-2001; 2001WO-US016981.
 XX 26-MAY-2000; 2000US-0207456P.
 PR 21-SEP-2000; 2000US-0234687P.
 PR 27-SEP-2000; 2000US-0236359P.
 PR 04-OCT-2000; 2000GB-00024263.
 PR 30-JAN-2001; 2001WO-US000661.
 PR 30-JAN-2001; 2001WO-US000662.
 PR 30-JAN-2001; 2001WO-US000663.
 PR 30-JAN-2001; 2001WO-US000664.
 PR 30-JAN-2001; 2001WO-US000665.
 PR 30-JAN-2001; 2001WO-US000666.
 PR 30-JAN-2001; 2001WO-US000667.
 PR 30-JAN-2001; 2001WO-US000668.
 PR 30-JAN-2001; 2001WO-US000669.
 PR 05-FEB-2001; 2001US-0266860P.
 XX (AEOM-) AEOMICA INC.
 XX Gu Y, Ji Y, Penn SG, Hanzel DK, Rank DR, Chen W, Shannon ME;
 XX WPI; 2002-179446/23.
 XX New polypeptide, for raising antibodies that recognize hGDMPLP-1 proteins,
 PT or as specific biomolecule capture probes for surface-enhanced laser
 PT desorption ionization, comprises human myosin-like protein hGDMPLP-1.
 XX Disclosure; SEQ ID NO 8910; 214pp; English.
 XX The present invention describes a human genome-derived myosin-like
 CC protein 1 (hGDMPLP-1). The protein and polynucleotide sequences of hGDMPLP-
 CC 1 can be used in gene therapy and vaccine production. The hGDMPLP-1
 CC nucleic acids can be used as probes to detect, characterise and quantify
 CC hGDMPLP-1 nucleic acids in samples, as amplification substrates, to
 CC provide initial substrates for the recombinant engineering of hGDMPLP-1
 CC protein variants having desired phenotypic improvements, and for
 CC expressing the proteins. The hGDMPLP-1 proteins or polypeptides may be
 CC used as immunogens to raise antibodies that specifically recognise hGDMPLP
 CC -1 proteins, as standards in assays used to determine the concentration
 CC and/or amount specifically of hGDMPLP proteins, as specific biomolecule
 CC capture probes for surface-enhanced laser desorption/ionisation, as
 CC therapeutic supplement in patients having specific deficiency in hGDMPLP-1
 CC production, and in vaccines or for replacement therapy. The
 CC polynucleotide sequences encoding hGDMPLP-1 may be used for diagnosing a
 CC disorder associated with the expression of hGDMPLP-1, in particular heart
 CC and skeletal muscle disorders. hGDMPLP-1 is localised to chromosome 22.
 CC The present sequence represents an oligomer used in the screening of the
 CC hGDMPLP-1 sequence in the exemplification of the present invention. N.B.
 CC The sequence data for this patent did not form part of the printed
 CC specification, but was obtained in electronic format directly from WIPO
 CC at ftp.wipo.int/pub/published_pct_sequence
 XX Sequence 17 BP; 4 A; 5 C; 7 G; 1 T; 0 U; 0 Other;
 SQ Query Match 3.9%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 7.9e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
 QY 710 AGTCCAGGAGGTGA 725
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 Db 1 AGTCCAGGAGCGGA 16
 RESULT 1279
 ABNO1620
 ID ABNO1620 standard; DNA; 17 BP.
 XX

AC ABNO1620;
 XX 29-MAY-2002 (first entry)
 XX Human GDMPLP-1 17-mer scanning SEQ ID NO:4 sequence SEQ ID NO:1612.
 XX Human; genome-derived myosin-like protein 1; hGDMPLP-1; heart;
 KW muscle; myosin; chromosome 22; gene therapy; vaccine; heart disease;
 KW skeletal muscle disorder; amplicon; screening; ss.
 OS Homo sapiens.
 XX WO200192524-A2.
 XX 06-DEC-2001.
 XX 25-MAY-2001; 2001WO-US016981.
 XX 26-MAY-2000; 2000US-0207456P.
 PR 21-SEP-2000; 2000US-0234687P.
 PR 27-SEP-2000; 2000US-0236359P.
 PR 04-OCT-2000; 2000GB-00024263.
 PR 30-JAN-2001; 2001WO-US000661.
 PR 30-JAN-2001; 2001WO-US000662.
 PR 30-JAN-2001; 2001WO-US000663.
 PR 30-JAN-2001; 2001WO-US000664.
 PR 30-JAN-2001; 2001WO-US000665.
 PR 30-JAN-2001; 2001WO-US000666.
 PR 30-JAN-2001; 2001WO-US000667.
 PR 30-JAN-2001; 2001WO-US000668.
 PR 30-JAN-2001; 2001WO-US000669.
 PR 05-FEB-2001; 2001US-0266860P.
 XX (AEOM-) AEOMICA INC.
 XX Gu Y, Ji Y, Penn SG, Hanzel DK, Rank DR, Chen W, Shannon ME;
 XX WPI; 2002-179446/23.
 XX New polypeptide, for raising antibodies that recognize hGDMPLP-1 proteins,
 PT or as specific biomolecule capture probes for surface-enhanced laser
 PT desorption ionization, comprises human myosin-like protein hGDMPLP-1.
 XX Disclosure; SEQ ID NO 1612; 214pp; English.
 XX The present invention describes a human genome-derived myosin-like
 CC protein 1 (hGDMPLP-1). The protein and polynucleotide sequences of hGDMPLP-
 CC 1 can be used in gene therapy and vaccine production. The hGDMPLP-1
 CC nucleic acids can be used as probes to detect, characterise and quantify
 CC hGDMPLP-1 nucleic acids in samples, as amplification substrates, to
 CC provide initial substrates for the recombinant engineering of hGDMPLP-1
 CC protein variants having desired phenotypic improvements, and for
 CC expressing the proteins. The hGDMPLP-1 proteins or polypeptides may be
 CC used as immunogens to raise antibodies that specifically recognise hGDMPLP
 CC -1 proteins, as standards in assays used to determine the concentration
 CC and/or amount specifically of hGDMPLP proteins, as specific biomolecule
 CC capture probes for surface-enhanced laser desorption/ionisation, as
 CC therapeutic supplement in patients having specific deficiency in hGDMPLP-1
 CC production, and in vaccines or for replacement therapy. The
 CC polynucleotide sequences encoding hGDMPLP-1 may be used for diagnosing a
 CC disorder associated with the expression of hGDMPLP-1, in particular heart
 CC and skeletal muscle disorders. hGDMPLP-1 is localised to chromosome 22.
 CC The present sequence represents an oligomer used in the screening of the
 CC hGDMPLP-1 sequence in the exemplification of the present invention. N.B.
 CC The sequence data for this patent did not form part of the printed
 CC specification, but was obtained in electronic format directly from WIPO
 CC at ftp.wipo.int/pub/published_pct_sequence
 XX Sequence 17 BP; 8 A; 3 C; 5 G; 1 T; 0 U; 0 Other;
 SQ Query Match 3.9%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 7.9e+02;

Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 946 TACGCAAGAGAGCA 961
 ||||| ||||| |||||
 Db 2 TACGCAAGAGAGCA 17

RESULT 1280
 ABN02237
 ID ABN02237 standard; DNA; 17 BP.
 AC ABN02237;
 XX
 XX 29-MAY-2002 (first entry)
 XX
 XX Human GDMPLP-1 17-mer scanning SEQ ID NO:4 sequence SEQ ID NO:2229.
 DE
 XX Human; genome-derived myosin-like protein 1; GDMPLP-1; hGDMPLP-1; heart;
 XX muscle; myosin; chromosome 22; gene therapy; vaccine; heart disease;
 KW skeletal muscle disorder; amplicon; screening; ss.
 XX
 XX Homo sapiens.
 OS
 XX WO200192524-A2.
 PN
 XX 06-DEC-2001.
 PD
 XX
 XX 25-MAY-2001; 2001WO-US016981.
 PF
 XX 26-MAY-2000; 2000US-0207456P.
 PR
 XX 21-SEP-2000; 2000US-0234687P.
 PR
 XX 27-SEP-2000; 2000US-0236359P.
 PR
 XX 04-OCT-2000; 2000GB-00024263.
 PR
 XX 30-JAN-2001; 2001WO-US000661.
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 XX 30-JAN-2001; 2001WO-US000662.
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 XX 30-JAN-2001; 2001WO-US000663.
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 XX 30-JAN-2001; 2001WO-US000664.
 PR
 XX 30-JAN-2001; 2001WO-US000665.
 PR
 XX 30-JAN-2001; 2001WO-US000666.
 PR
 XX 30-JAN-2001; 2001WO-US000667.
 PR
 XX 30-JAN-2001; 2001WO-US000668.
 PR
 XX 30-JAN-2001; 2001WO-US000669.
 PR
 XX 30-JAN-2001; 2001WO-US000670.
 PR
 XX 05-FEB-2001; 2001US-0266860P.
 XX
 XX (AEOM-) AEOMICA INC.
 PA
 XX Gu Y, Ji Y, Penn SG, Hanzel DK, Rank DR, Chen W, Shannon ME;
 PI
 XX WPI; 2002-179446/23.
 DR
 XX New polypeptide, for raising antibodies that recognize hGDMPLP-1 proteins,
 PT or as specific biomolecule capture probes for surface-enhanced laser
 PT desorption ionization, comprises human myosin-like protein hGDMPLP-1.
 PT
 XX Disclosure; SEQ ID NO 2229; 214pp; English.
 PS
 XX The present invention describes a human genome-derived myosin-like
 CC protein 1 (hGDMPLP-1). The protein and polynucleotide sequences of hGDMPLP-
 CC 1 can be used in gene therapy and vaccine production. The hGDMPLP-1
 CC nucleic acids can be used as probes to detect, characterise and quantify
 CC hGDMPLP-1 nucleic acids in samples, as amplification substrates, to
 CC provide initial substrates for the recombinant engineering of hGDMPLP-1
 CC protein variants having desired phenotypic improvements, and for
 CC expressing the proteins. The hGDMPLP-1 proteins or polypeptides may be
 CC used as immunogens to raise antibodies that specifically recognise hGDMPLP
 CC -1 proteins, as standards in assays used to determine the concentration
 CC and/or amount specifically of hGDMPLP proteins, as specific biomolecule
 CC capture probes for surface-enhanced laser desorption/ionisation, as
 CC therapeutic supplement in patients having specific deficiency in hGDMPLP-1
 CC production, and in vaccines or for replacement therapy. The
 CC polynucleotide sequences encoding hGDMPLP-1 may be used for diagnosing a
 CC disorder associated with the expression of hGDMPLP-1, in particular heart

CC and skeletal muscle disorders. hGDMPLP-1 is localised to chromosome 22.
 CC The present sequence represents an oligomer used in the screening of the
 CC hGDMPLP-1 sequence in the exemplification of the present invention. N.B.
 CC The sequence data for this patent did not form part of the printed
 CC specification, but was obtained in electronic format directly from WIPO
 CC at ftp.wipo.int/pub/published_pct_sequence
 XX
 SQ Sequence 17 BP; 2 A; 3 C; 8 G; 4 T; 0 U; 0 Other;
 Query Match 3.9%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 7.9e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 742 TGGTAGGGTCCAGGG 757
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 Db 1 TGGCAGGGTCTCAGTG 16

RESULT 1281
 ABN01216/c
 ID ABN01216 standard; DNA; 17 BP.
 AC ABN01216;
 XX
 XX 29-MAY-2002 (first entry)
 DT
 XX Human GDMPLP-1 17-mer scanning SEQ ID NO:4 sequence SEQ ID NO:1208.
 DE
 XX Human; genome-derived myosin-like protein 1; GDMPLP-1; hGDMPLP-1; heart;
 KW muscle; myosin; chromosome 22; gene therapy; vaccine; heart disease;
 KW skeletal muscle disorder; amplicon; screening; ss.
 XX
 OS Homo sapiens.
 XX
 XX WO200192524-A2.
 PN
 XX 06-DEC-2001.
 PD
 XX
 XX 25-MAY-2001; 2001WO-US016981.
 PF
 XX 26-MAY-2000; 2000US-0207456P.
 PR
 XX 21-SEP-2000; 2000US-0234687P.
 PR
 XX 27-SEP-2000; 2000US-0236359P.
 PR
 XX 04-OCT-2000; 2000GB-00024263.
 PR
 XX 30-JAN-2001; 2001WO-US000661.
 PR
 XX 30-JAN-2001; 2001WO-US000662.
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 XX 30-JAN-2001; 2001WO-US000663.
 PR
 XX 30-JAN-2001; 2001WO-US000664.
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 XX 30-JAN-2001; 2001WO-US000665.
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 XX 30-JAN-2001; 2001WO-US000666.
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 XX 30-JAN-2001; 2001WO-US000667.
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 XX 30-JAN-2001; 2001WO-US000668.
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 XX 30-JAN-2001; 2001WO-US000669.
 PR
 XX 30-JAN-2001; 2001WO-US000670.
 PR
 XX 05-FEB-2001; 2001US-0266860P.
 XX
 XX (AEOM-) AEOMICA INC.
 PA
 XX Gu Y, Ji Y, Penn SG, Hanzel DK, Rank DR, Chen W, Shannon ME;
 PI
 XX WPI; 2002-179446/23.
 DR
 XX New polypeptide, for raising antibodies that recognize hGDMPLP-1 proteins,
 PT or as specific biomolecule capture probes for surface-enhanced laser
 PT desorption ionization, comprises human myosin-like protein hGDMPLP-1.
 PT
 XX Disclosure; SEQ ID NO 1208; 214pp; English.
 PS
 XX The present invention describes a human genome-derived myosin-like
 CC protein 1 (hGDMPLP-1). The protein and polynucleotide sequences of hGDMPLP-
 CC 1 can be used in gene therapy and vaccine production. The hGDMPLP-1
 CC nucleic acids can be used as probes to detect, characterise and quantify
 CC hGDMPLP-1 nucleic acids in samples, as amplification substrates, to
 CC provide initial substrates for the recombinant engineering of hGDMPLP-1
 CC protein variants having desired phenotypic improvements, and for
 CC expressing the proteins. The hGDMPLP-1 proteins or polypeptides may be
 CC used as immunogens to raise antibodies that specifically recognise hGDMPLP
 CC -1 proteins, as standards in assays used to determine the concentration
 CC and/or amount specifically of hGDMPLP proteins, as specific biomolecule
 CC capture probes for surface-enhanced laser desorption/ionisation, as
 CC therapeutic supplement in patients having specific deficiency in hGDMPLP-1
 CC production, and in vaccines or for replacement therapy. The
 CC polynucleotide sequences encoding hGDMPLP-1 may be used for diagnosing a
 CC disorder associated with the expression of hGDMPLP-1, in particular heart

CC provide initial substrates for the recombinant engineering of hGDMPLP-1
 CC protein variants having desired phenotypic improvements, and for
 CC expressing the proteins. The hGDMPLP-1 proteins or polypeptides may be
 CC used as immunogens to raise antibodies that specifically recognise hGDMPLP-1
 CC -1 proteins, as standards in assays used to determine the concentration
 CC and/or amount specifically of hGDMPLP proteins, as specific biomolecule
 CC capture probes for surface-enhanced laser desorption/ionisation, as
 CC therapeutic supplement in patients having specific deficiency in hGDMPLP-1
 CC production, and in vaccines or for replacement therapy. The
 CC polynucleotide sequences encoding hGDMPLP-1 may be used for diagnosing a
 CC disorder associated with the expression of hGDMPLP-1, in particular heart
 CC and skeletal muscle disorders. hGDMPLP-1 is localised to chromosome 22.
 CC The present sequence represents an oligomer used in the screening of the
 CC hGDMPLP-1 sequence in the exemplification of the present invention. N.B.
 CC The sequence data for this patent did not form part of the printed
 CC specification, but was obtained in electronic format directly from WIPO
 CC at ftp.wipo.int/pub/published_pct_sequence
 XX
 SQ Sequence 17 BP; 7 A; 2 C; 7 G; 1 T; 0 U; 0 Other;

Query Match 3.9%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 7.9e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
 QY 830 TCCTCTTCTCTCTG 845
 DB 16 TCACCTGCTCTCTG 1

RESULT 1282
 ABN09752
 ID ABN09752 standard; DNA; 17 BP.
 XX
 AC ABN09752;
 XX
 DT 29-MAY-2002 (first entry)
 XX
 DE Human GDMPLP-1 17-mer scanning SEQ ID NO:5 sequence SEQ ID NO:9744.
 XX
 KW Human; genome-derived myosin-like protein 1; GDMPLP-1; hGDMPLP-1; heart;
 KW muscle; myosin; chromosome 22; gene therapy; vaccine; heart disease;
 KW skeletal muscle disorder; amplicon; screening; ss.
 XX
 OS Homo sapiens.
 XX
 PN WO200192524-A2.
 XX
 PD 06-DEC-2001.
 XX
 PF 25-MAY-2001; 2001WO-US016981.
 XX
 PR 26-MAY-2000; 2000US-0207456P.
 PR 21-SEP-2000; 2000US-0234687P.
 PR 27-SEP-2000; 2000US-0236359P.
 PR 04-OCT-2000; 2000GB-00024263.
 PR 30-JAN-2001; 2001WO-US000661.
 PR 30-JAN-2001; 2001WO-US000662.
 PR 30-JAN-2001; 2001WO-US000663.
 PR 30-JAN-2001; 2001WO-US000664.
 PR 30-JAN-2001; 2001WO-US000665.
 PR 30-JAN-2001; 2001WO-US000666.
 PR 30-JAN-2001; 2001WO-US000667.
 PR 30-JAN-2001; 2001WO-US000668.
 PR 30-JAN-2001; 2001WO-US000669.
 PR 05-FEB-2001; 2001US-0266860P.
 XX
 PA (AEOM-) AEOMICA INC.

XX Gu Y, Ji Y, Penn SG, Hanzel DK, Rank DR, Chen W, Shannon ME;
 XX WPI; 2002-179446/23.
 XX

PT New polypeptide, for raising antibodies that recognize hGDMPLP-1 proteins,
 PT or as specific biomolecule capture probes for surface-enhanced laser
 PT desorption/ionisation, comprises human myosin-like protein hGDMPLP-1.
 XX
 PS Disclosure; SEQ ID NO 9744; 214pp; English.
 XX
 CC The present invention describes a human genome-derived myosin-like
 CC protein 1 (hGDMPLP-1). The protein and polynucleotide sequences of hGDMPLP-1
 CC can be used in gene therapy and vaccine production. The hGDMPLP-1
 CC nucleic acids can be used as probes to detect, characterise and quantify
 CC hGDMPLP-1 nucleic acids in samples, as amplification substrates, to
 CC provide initial substrates for the recombinant engineering of hGDMPLP-1
 CC protein variants having desired phenotypic improvements, and for
 CC expressing the proteins. The hGDMPLP-1 proteins or polypeptides may be
 CC used as immunogens to raise antibodies that specifically recognise hGDMPLP-1
 CC -1 proteins, as standards in assays used to determine the concentration
 CC and/or amount specifically of hGDMPLP proteins, as specific biomolecule
 CC capture probes for surface-enhanced laser desorption/ionisation, as
 CC therapeutic supplement in patients having specific deficiency in hGDMPLP-1
 CC production, and in vaccines or for replacement therapy. The
 CC polynucleotide sequences encoding hGDMPLP-1 may be used for diagnosing a
 CC disorder associated with the expression of hGDMPLP-1, in particular heart
 CC and skeletal muscle disorders. hGDMPLP-1 is localised to chromosome 22.
 CC The present sequence represents an oligomer used in the screening of the
 CC hGDMPLP-1 sequence in the exemplification of the present invention. N.B.
 CC The sequence data for this patent did not form part of the printed
 CC specification, but was obtained in electronic format directly from WIPO
 CC at ftp.wipo.int/pub/published_pct_sequence
 XX
 SQ Sequence 17 BP; 3 A; 4 C; 8 G; 2 T; 0 U; 0 Other;

Query Match 3.9%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 7.9e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
 QY 816 CAGGGTGGCTGTCTC 831
 DB 2 CAGGGCTGGCAGTGAC 17
 RESULT 1283
 ABN01622
 ID ABN01622 standard; DNA; 17 BP.
 XX
 AC ABN01622;
 XX
 DT 29-MAY-2002 (first entry)
 XX
 DE Human GDMPLP-1 17-mer scanning SEQ ID NO:4 sequence SEQ ID NO:1614.
 XX
 KW Human; genome-derived myosin-like protein 1; GDMPLP-1; hGDMPLP-1; heart;
 KW muscle; myosin; chromosome 22; gene therapy; vaccine; heart disease;
 KW skeletal muscle disorder; amplicon; screening; ss.
 XX
 OS Homo sapiens.
 XX
 PN WO200192524-A2.
 XX
 PD 06-DEC-2001.
 XX
 PF 25-MAY-2001; 2001WO-US016981.
 XX
 PR 26-MAY-2000; 2000US-0207456P.
 PR 21-SEP-2000; 2000US-0234687P.
 PR 27-SEP-2000; 2000US-0236359P.
 PR 04-OCT-2000; 2000GB-00024263.
 PR 30-JAN-2001; 2001WO-US000661.
 PR 30-JAN-2001; 2001WO-US000662.
 PR 30-JAN-2001; 2001WO-US000663.
 PR 30-JAN-2001; 2001WO-US000664.
 PR 30-JAN-2001; 2001WO-US000665.
 PR 30-JAN-2001; 2001WO-US000666.
 PR 30-JAN-2001; 2001WO-US000667.

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PR 30-JAN-2001; 2001WO-US000668.
PR 30-JAN-2001; 2001WO-US000669.
PR 27-SEP-2000; 2000US-0234687P.
PR 04-OCT-2000; 2000GB-00024263.
PR 30-JAN-2001; 2001WO-US000661.
PR 30-JAN-2001; 2001WO-US000662.
PR 30-JAN-2001; 2001WO-US000663.
PR 30-JAN-2001; 2001WO-US000664.
PR 30-JAN-2001; 2001WO-US000665.
PR 30-JAN-2001; 2001WO-US000666.
PR 30-JAN-2001; 2001WO-US000667.
PR 30-JAN-2001; 2001WO-US000668.
PR 30-JAN-2001; 2001WO-US000669.
PR 30-JAN-2001; 2001WO-US000670.
PR 05-FEB-2001; 2001US-0266860P.
XX PA
XX (AEOM-) AEOMICA INC.
XX Gu Y, Ji Y, Penn SG, Hanzel DK, Rank DR, Chen W, Shannon ME;
XX WPI; 2002-179446/23.
XX
XX New polypeptide, for raising antibodies that recognize hGDMPLP-1 proteins,
XX or as specific biomolecule capture probes for surface-enhanced laser
XX desorption ionization, comprises human myosin-like protein hGDMPLP-1.
XX
XX Disclosure; SEQ ID NO 1614; 214pp; English.
XX
XX The present invention describes a human genome-derived myosin-like
XX protein 1 (hGDMPLP-1). The protein and polynucleotide sequences of hGDMPLP-
XX 1 can be used in gene therapy and vaccine production. The hGDMPLP-1
XX nucleic acids can be used as probes to detect, characterise and quantify
XX hGDMPLP-1 nucleic acids in samples, as amplification substrates, to
XX provide initial substrates for the recombinant engineering of hGDMPLP-1
XX protein variants having desired phenotypic improvements, and for
XX expressing the proteins. The hGDMPLP-1 proteins or polypeptides may be
XX used as immunogens to raise antibodies that specifically recognise hGDMPLP
XX -1 proteins, as standards in assays used to determine the concentration
XX and/or amount specifically of hGDMPLP proteins, as specific biomolecule
XX capture probes for surface-enhanced laser desorption ionisation, as
XX therapeutic supplement in patients having specific deficiency in hGDMPLP-1
XX production, and in vaccines or for replacement therapy. The
XX polynucleotide sequences encoding hGDMPLP-1 may be used for diagnosing a
XX disorder associated with the expression of hGDMPLP-1, in particular heart
XX and skeletal muscle disorders. hGDMPLP-1 is localised to chromosome 22.
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XX hGDMPLP-1 sequence in the exemplification of the present invention. N.B.
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XX at ftp.wipo.int/pub/published_pct_sequence
XX
XX Sequence 17 BP; 8 A; 3 C; 6 G; 0 T; 0 U; 0 Other;
XX
XX Query Match 3.9%; Score 11.2; DB 1; Length 17;
XX Best Local Similarity 81.2%; Pred. No. 7.9e+02;
XX Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
XX
XX QY 947 ACGCAGAGAGAGCCAA 962
XX 1 ACGGAGAGGAGAACCAA 16
XX
XX RESULT 1284
XX ABN01843/G
XX ID ABN01843 standard; DNA; 17 BP.
XX AC ABN01843;
XX
XX 29-MAY-2002 (first entry)
XX
XX Human GDMPLP-1 17-mer scanning SEQ ID NO:4 sequence SEQ ID NO:1835.
XX
XX Human; genome-derived myosin-like protein 1; GDMPLP-1; hGDMPLP-1; heart;
XX muscle; myosin; chromosome 22; gene therapy; vaccine; heart disease;
XX skeletal muscle disorder; amplicon; screening; ss.
XX
XX Homo sapiens.
XX
XX WO200192524-A2.
XX
XX 06-DEC-2001.
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XX 25-MAY-2001; 2001WO-US016981.
XX
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PR 26-MAY-2000; 2000US-0207456P.
PR 21-SEP-2000; 2000US-0234687P.
PR 27-SEP-2000; 2000US-0236359P.
PR 04-OCT-2000; 2000GB-00024263.
PR 30-JAN-2001; 2001WO-US000661.
PR 30-JAN-2001; 2001WO-US000662.
PR 30-JAN-2001; 2001WO-US000663.
PR 30-JAN-2001; 2001WO-US000664.
PR 30-JAN-2001; 2001WO-US000665.
PR 30-JAN-2001; 2001WO-US000666.
PR 30-JAN-2001; 2001WO-US000667.
PR 30-JAN-2001; 2001WO-US000668.
PR 30-JAN-2001; 2001WO-US000669.
PR 30-JAN-2001; 2001WO-US000670.
PR 05-FEB-2001; 2001US-0266860P.
XX PA
XX (AEOM-) AEOMICA INC.
XX Gu Y, Ji Y, Penn SG, Hanzel DK, Rank DR, Chen W, Shannon ME;
XX WPI; 2002-179446/23.
XX
XX New polypeptide, for raising antibodies that recognize hGDMPLP-1 proteins,
XX or as specific biomolecule capture probes for surface-enhanced laser
XX desorption ionization, comprises human myosin-like protein hGDMPLP-1.
XX
XX Disclosure; SEQ ID NO 1835; 214pp; English.
XX
XX The present invention describes a human genome-derived myosin-like
XX protein 1 (hGDMPLP-1). The protein and polynucleotide sequences of hGDMPLP-
XX 1 can be used in gene therapy and vaccine production. The hGDMPLP-1
XX nucleic acids can be used as probes to detect, characterise and quantify
XX hGDMPLP-1 nucleic acids in samples, as amplification substrates, to
XX provide initial substrates for the recombinant engineering of hGDMPLP-1
XX protein variants having desired phenotypic improvements, and for
XX expressing the proteins. The hGDMPLP-1 proteins or polypeptides may be
XX used as immunogens to raise antibodies that specifically recognise hGDMPLP
XX -1 proteins, as standards in assays used to determine the concentration
XX and/or amount specifically of hGDMPLP proteins, as specific biomolecule
XX capture probes for surface-enhanced laser desorption ionisation, as
XX therapeutic supplement in patients having specific deficiency in hGDMPLP-1
XX production, and in vaccines or for replacement therapy. The
XX polynucleotide sequences encoding hGDMPLP-1 may be used for diagnosing a
XX disorder associated with the expression of hGDMPLP-1, in particular heart
XX and skeletal muscle disorders. hGDMPLP-1 is localised to chromosome 22.
XX The present sequence represents an oligomer used in the screening of the
XX hGDMPLP-1 sequence in the exemplification of the present invention. N.B.
XX The sequence data for this patent did not form part of the printed
XX specification, but was obtained in electronic format directly from WIPO
XX at ftp.wipo.int/pub/published_pct_sequence
XX
XX Sequence 17 BP; 4 A; 2 C; 7 G; 4 T; 0 U; 0 Other;
XX
XX Query Match 3.9%; Score 11.2; DB 1; Length 17;
XX Best Local Similarity 81.2%; Pred. No. 7.9e+02;
XX Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
XX
XX QY 805 CTCCTCCCACTCAGGG 820
XX 17 CTCATCCCACTCAGTG 2
XX
XX RESULT 1285
XX ABN00233
XX ID ABN00233 standard; DNA; 17 BP.
XX AC ABN00233;
XX
XX 29-MAY-2002 (first entry)
XX
XX Human GDMPLP-1 17-mer scanning SEQ ID NO:4 sequence SEQ ID NO:225.
XX
XX Human; genome-derived myosin-like protein 1; GDMPLP-1; hGDMPLP-1; heart;
XX
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KW muscle; myosin; chromosome 22; gene therapy; vaccine; heart disease;
 KW skeletal muscle disorder; amplicon; screening; ss.
 OS Homo sapiens.
 XX WO200192524-A2.
 XX 06-DEC-2001.
 XX 25-MAY-2001; 2001WO-US016981.
 XX 26-MAY-2000; 2000US-0207456P.
 PR 21-SEP-2000; 2000US-0234687P.
 PR 27-SEP-2000; 2000US-0236359P.
 PR 04-OCT-2000; 2000GB-00024263.
 PR 30-JAN-2001; 2001WO-US000661.
 PR 30-JAN-2001; 2001WO-US000662.
 PR 30-JAN-2001; 2001WO-US000663.
 PR 30-JAN-2001; 2001WO-US000664.
 PR 30-JAN-2001; 2001WO-US000665.
 PR 30-JAN-2001; 2001WO-US000666.
 PR 30-JAN-2001; 2001WO-US000667.
 PR 30-JAN-2001; 2001WO-US000668.
 PR 30-JAN-2001; 2001WO-US000669.
 PR 30-JAN-2001; 2001WO-US000670.
 PR 05-FEB-2001; 2001US-0266860P.
 XX (AEOM-) AEOMICA INC.
 XX Gu Y, Ji Y, Penn SG, Hanzel DK, Rank DR, Chen W, Shannon ME;
 PI WPI; 2002-179446/23.
 XX New polypeptide, for raising antibodies that recognize hGDMPLP-1 proteins,
 PT or as specific biomolecule capture probes for surface-enhanced laser
 PT desorption ionization, comprises human myosin-like protein hGDMPLP-1.
 XX Disclosure; SEQ ID NO 225; 214pp; English.

RESULT 1286
 ABN01215/c
 ID ABN01215 standard; DNA; 17 BP.
 XX AC ABN01215;
 XX 29-MAY-2002 (first entry)
 XX Human GDMPLP-1 17-mer scanning SEQ ID NO:4 sequence SEQ ID NO:1207.
 XX Human; genome-derived myosin-like protein 1; GDMPLP-1; hGDMPLP-1; heart;
 KW muscle; myosin; chromosome 22; gene therapy; vaccine; heart disease;
 KW skeletal muscle disorder; amplicon; screening; ss.
 OS Homo sapiens.
 XX WO200192524-A2.
 XX 06-DEC-2001.
 XX 25-MAY-2001; 2001WO-US016981.
 PR 26-MAY-2000; 2000US-0207456P.
 PR 21-SEP-2000; 2000US-0234687P.
 PR 27-SEP-2000; 2000US-0236359P.
 PR 04-OCT-2000; 2000GB-00024263.
 PR 30-JAN-2001; 2001WO-US000661.
 PR 30-JAN-2001; 2001WO-US000662.
 PR 30-JAN-2001; 2001WO-US000663.
 PR 30-JAN-2001; 2001WO-US000664.
 PR 30-JAN-2001; 2001WO-US000665.
 PR 30-JAN-2001; 2001WO-US000666.
 PR 30-JAN-2001; 2001WO-US000667.
 PR 30-JAN-2001; 2001WO-US000668.
 PR 30-JAN-2001; 2001WO-US000669.
 PR 30-JAN-2001; 2001WO-US000670.
 PR 05-FEB-2001; 2001US-0266860P.
 XX (AEOM-) AEOMICA INC.
 XX Gu Y, Ji Y, Penn SG, Hanzel DK, Rank DR, Chen W, Shannon ME;
 PI WPI; 2002-179446/23.
 XX New polypeptide, for raising antibodies that recognize hGDMPLP-1 proteins,
 PT or as specific biomolecule capture probes for surface-enhanced laser
 PT desorption ionization, comprises human myosin-like protein hGDMPLP-1.
 XX Disclosure; SEQ ID NO 1207; 214pp; English.

The present invention describes a human genome-derived myosin-like protein 1 (hGDMPLP-1). The protein and polynucleotide sequences of hGDMPLP-1 can be used in gene therapy and vaccine production. The hGDMPLP-1 nucleic acids can be used as probes to detect, characterise and quantify hGDMPLP-1 nucleic acids in samples, as amplification substrates, to provide initial substrates for the recombinant engineering of hGDMPLP-1 protein variants having desired phenotypic improvements, and for expressing the proteins. The hGDMPLP-1 proteins or polypeptides may be used as immunogens to raise antibodies that specifically recognise hGDMPLP-1 proteins, as standards in assays used to determine the concentration and/or amount specifically of hGDMPLP proteins, as specific biomolecule capture probes for surface-enhanced laser desorption ionisation, as therapeutic supplement in patients having specific deficiency in hGDMPLP-1 production, and in vaccines or for replacement therapy. The polynucleotide sequences encoding hGDMPLP-1 may be used for diagnosing a disorder associated with the expression of hGDMPLP-1, in particular heart and skeletal muscle disorders. hGDMPLP-1 is localised to chromosome 22. The present sequence represents an oligomer used in the screening of the hGDMPLP-1 sequence in the exemplification of the present invention. N.B. The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format directly from WIPO at ftp.wipo.int/pub/published_pct_sequence

Sequence 17 BP; 5 A; 7 C; 4 G; 1 T; 0 U; 0 Other;

Query Match 3.9%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 7.9e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 795 GCAAGAGCTCTCCTC 810
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 2. GACAAGAGCCCTCCAC 17

Db

SQ Sequence 17 BP; 7 A; 2 C; 7 G; 1 T; 0 U; 0 Other;
 Query Match 3.9%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 7.9e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
 QY 830 TCTCTTTTCTCTCTG 845
 DB 17 TCACCTGCTCTCTG 2
 RESULT 1287
 ABN01839/c
 ID ABN01839 standard; DNA; 17 BP.
 XX AC ABN01839;
 XX DT 29-MAY-2002 (first entry)
 XX DE Human GDMPLP-1 17-mer scanning SEQ ID NO:4 sequence SEQ ID NO:1831.
 XX KW Human; genome-derived myosin-like protein 1; GDMPLP-1; hGDMPLP-1; heart;
 KW muscle; myosin; chromosome 22; gene therapy; vaccine; heart disease;
 KW skeletal muscle disorder; amplicon; screening; ss.
 XX OS Homo sapiens.
 XX PN WO200192524-A2.
 XX PD 06-DEC-2001.
 XX PF 25-MAY-2001; 2001WO-US016981.
 XX PR 26-MAY-2000; 2000US-0207456P.
 PR 21-SEP-2000; 2000US-0234687P.
 PR 27-SEP-2000; 2000US-0236359P.
 PR 04-OCT-2000; 2000GB-00024263.
 PR 30-JAN-2001; 2001WO-US000661.
 PR 30-JAN-2001; 2001WO-US000662.
 PR 30-JAN-2001; 2001WO-US000663.
 PR 30-JAN-2001; 2001WO-US000664.
 PR 30-JAN-2001; 2001WO-US000665.
 PR 30-JAN-2001; 2001WO-US000666.
 PR 30-JAN-2001; 2001WO-US000667.
 PR 30-JAN-2001; 2001WO-US000668.
 PR 30-JAN-2001; 2001WO-US000669.
 PR 05-FEB-2001; 2001US-0266860P.
 XX PA (AEOM-) AEOMICA INC.
 XX PI Gu Y, Ji Y, Penn SG, Hanzel DK, Rank DR, Chen W, Shannon ME;
 XX WPI; 2002-179446/23.
 XX DR New polypeptide, for raising antibodies that recognize hGDMPLP-1 proteins,
 PT or as specific biomolecule capture probes for surface-enhanced laser
 PT desorption ionization, comprises human myosin-like protein hGDMPLP-1.
 XX Disclosure; SEQ ID NO 1831; 214pp; English.
 XX PS The present invention describes a human genome-derived myosin-like
 CC capture probes for surface-enhanced laser desorption ionisation, as

CC therapeutic supplement in patients having specific deficiency in hGDMPLP-1
 CC production, and in vaccines or for replacement therapy. The
 CC polynucleotide sequences encoding hGDMPLP-1 may be used for diagnosing a
 CC disorder associated with the expression of hGDMPLP-1, in particular heart
 CC and skeletal muscle disorders. hGDMPLP-1 is localised to chromosome 22.
 CC The present sequence represents an oligomer used in the screening of the
 CC hGDMPLP-1 sequence in the exemplification of the present invention. N.B.
 CC The sequence data for this patent did not form part of the printed
 CC specification, but was obtained in electronic format directly from WIPO
 CC at ftp.wipo.int/pub/published_pct_sequence
 XX SQ Sequence 17 BP; 5 A; 4 C; 5 G; 3 T; 0 U; 0 Other;
 Query Match 3.9%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 7.9e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
 QY 809 TCCAACTCAGGTTGG 824
 DB 17 TCCACCTCAGTGATGG 2
 RESULT 1288
 ABN01844/c
 ID ABN01844 standard; DNA; 17 BP.
 XX AC ABN01844;
 XX DT 29-MAY-2002 (first entry)
 XX DE Human GDMPLP-1 17-mer scanning SEQ ID NO:4 sequence SEQ ID NO:1836.
 XX KW Human; genome-derived myosin-like protein 1; GDMPLP-1; hGDMPLP-1; heart;
 KW muscle; myosin; chromosome 22; gene therapy; vaccine; heart disease;
 KW skeletal muscle disorder; amplicon; screening; ss.
 XX OS Homo sapiens.
 XX PN WO200192524-A2.
 XX PD 06-DEC-2001.
 XX PF 25-MAY-2001; 2001WO-US016981.
 XX PR 26-MAY-2000; 2000US-0207456P.
 PR 21-SEP-2000; 2000US-0234687P.
 PR 27-SEP-2000; 2000US-0236359P.
 PR 04-OCT-2000; 2000GB-00024263.
 PR 30-JAN-2001; 2001WO-US000661.
 PR 30-JAN-2001; 2001WO-US000662.
 PR 30-JAN-2001; 2001WO-US000663.
 PR 30-JAN-2001; 2001WO-US000664.
 PR 30-JAN-2001; 2001WO-US000665.
 PR 30-JAN-2001; 2001WO-US000666.
 PR 30-JAN-2001; 2001WO-US000667.
 PR 30-JAN-2001; 2001WO-US000668.
 PR 30-JAN-2001; 2001WO-US000669.
 PR 05-FEB-2001; 2001US-0266860P.
 XX PA (AEOM-) AEOMICA INC.
 XX PI Gu Y, Ji Y, Penn SG, Hanzel DK, Rank DR, Chen W, Shannon ME;
 XX WPI; 2002-179446/23.
 XX DR New polypeptide, for raising antibodies that recognize hGDMPLP-1 proteins,
 PT or as specific biomolecule capture probes for surface-enhanced laser
 PT desorption ionization, comprises human myosin-like protein hGDMPLP-1.
 XX Disclosure; SEQ ID NO 1836; 214pp; English.
 XX PS The present invention describes a human genome-derived myosin-like
 CC capture probes for surface-enhanced laser desorption ionisation, as

CC protein 1 (hGDMPLP-1). The protein and polynucleotide sequences of hGDMPLP-1
 CC 1 can be used in gene therapy and vaccine production. The hGDMPLP-1
 CC nucleic acids can be used as probes to detect, characterise and quantify
 CC hGDMPLP-1 nucleic acids in samples, as amplification substrates, to
 CC provide initial substrates for the recombinant engineering of hGDMPLP-1
 CC protein variants having desired phenotypic improvements, and for
 CC expressing the proteins. The hGDMPLP-1 proteins or polypeptides may be
 CC used as immunogens to raise antibodies that specifically recognise hGDMPLP
 CC -1 proteins, as standards in assays used to determine the concentration
 CC and/or amount specifically of hGDMPLP proteins, as specific biomolecule
 CC capture probes for surface-enhanced laser desorption/ionisation, as
 CC therapeutic supplement in patients having specific deficiency in hGDMPLP-1
 CC production, and in vaccines or for replacement therapy. The
 CC polynucleotide sequences encoding hGDMPLP-1 may be used for diagnosing a
 CC disorder associated with the expression of hGDMPLP-1, in particular heart
 CC and skeletal muscle disorders. hGDMPLP-1 is localised to chromosome 22.
 CC The present sequence represents an oligomer used in the screening of the
 CC hGDMPLP-1 sequence in the exemplification of the present invention. N.B.
 CC The sequence data for this patent did not form part of the printed
 CC specification, but was obtained in electronic format directly from WIPO
 CC at ftp.wipo.int/pub/published_pct_sequence
 CC
 CC SQ Sequence 17 BP; 4 A; 2 C; 8 G; 3 T; 0 U; 0 Other;

Query Match 3.9%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 7.9e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 805 CTCCTCCAACTCAGGG 820
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 Db 16 CTCATCCACTCATG 1

RESULT 1289
 ABN02907/c
 ID ABN02907 standard; DNA; 17 BP.
 XX AC ABN02907;
 XX DT 29-MAY-2002 (first entry)
 DE Human GDMPLP-1 17-mer scanning SEQ ID NO:4 sequence SEQ ID NO:2899.
 XX Human; genome-derived myosin-like protein 1; GDMPLP-1; hGDMPLP-1; heart;
 KW muscle; myosin; chromosome 22; gene therapy; vaccine; heart disease;
 KW skeletal muscle disorder; amplicon; screening; ss.
 XX Homo sapiens.
 XX WO200192524-A2.
 XX PD 06-DEC-2001.
 XX PF 25-MAY-2001; 2001WO-US016981.
 XX 26-MAY-2000; 2000US-0207456P.
 XX 21-SEP-2000; 2000US-0234687P.
 XX 27-SEP-2000; 2000US-0236359P.
 XX 04-OCT-2000; 2000GB-00024263.
 XX 30-JAN-2001; 2001WO-US000661.
 XX 30-JAN-2001; 2001WO-US000662.
 XX 30-JAN-2001; 2001WO-US000663.
 XX 30-JAN-2001; 2001WO-US000664.
 XX 30-JAN-2001; 2001WO-US000665.
 XX 30-JAN-2001; 2001WO-US000666.
 XX 30-JAN-2001; 2001WO-US000667.
 XX 30-JAN-2001; 2001WO-US000668.
 XX 30-JAN-2001; 2001WO-US000669.
 XX 05-FEB-2001; 2001WO-US000670.
 XX 05-FEB-2001; 2001US-0266860P.
 XX (AEOM-) AEOMICA INC.

PI Gu Y, Ji Y, Penn SG, Hanzel DK, Rank DR, Chen W, Shannon ME;
 XX WPI; 2002-179446/23.
 DR
 XX
 PT New polypeptide, for raising antibodies that recognize hGDMPLP-1 proteins,
 PT or as specific biomolecule capture probes for surface-enhanced laser
 PT desorption/ionization, comprises human myosin-like protein hGDMPLP-1.
 PS Disclosure; SEQ ID NO 2899; 214pp; English.

XX The present invention describes a human genome-derived myosin-like
 CC protein 1 (hGDMPLP-1). The protein and polynucleotide sequences of hGDMPLP-
 CC 1 can be used in gene therapy and vaccine production. The hGDMPLP-1
 CC nucleic acids can be used as probes to detect, characterise and quantify
 CC hGDMPLP-1 nucleic acids in samples, as amplification substrates, to
 CC provide initial substrates for the recombinant engineering of hGDMPLP-1
 CC protein variants having desired phenotypic improvements, and for
 CC expressing the proteins. The hGDMPLP-1 proteins or polypeptides may be
 CC used as immunogens to raise antibodies that specifically recognise hGDMPLP
 CC -1 proteins, as standards in assays used to determine the concentration
 CC and/or amount specifically of hGDMPLP proteins, as specific biomolecule
 CC capture probes for surface-enhanced laser desorption/ionisation, as
 CC therapeutic supplement in patients having specific deficiency in hGDMPLP-1
 CC production, and in vaccines or for replacement therapy. The
 CC polynucleotide sequences encoding hGDMPLP-1 may be used for diagnosing a
 CC disorder associated with the expression of hGDMPLP-1, in particular heart
 CC and skeletal muscle disorders. hGDMPLP-1 is localised to chromosome 22.
 CC The present sequence represents an oligomer used in the screening of the
 CC hGDMPLP-1 sequence in the exemplification of the present invention. N.B.
 CC The sequence data for this patent did not form part of the printed
 CC specification, but was obtained in electronic format directly from WIPO
 CC at ftp.wipo.int/pub/published_pct_sequence
 CC
 CC SQ Sequence 17 BP; 2 A; 3 C; 10 G; 2 T; 0 U; 0 Other;

Query Match 3.9%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 7.9e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 775 CTGAGGCGACCCCTC 790
 |||||
 Db 16 CCGAGGCGACCCCTC 1

RESULT 1290
 ABN07675/c
 ID ABN07675 standard; DNA; 17 BP.
 XX AC ABN07675;
 XX DT 29-MAY-2002 (first entry)
 DE Human GDMPLP-1 17-mer scanning SEQ ID NO:5 sequence SEQ ID NO:7667.
 XX Human; genome-derived myosin-like protein 1; GDMPLP-1; hGDMPLP-1; heart;
 KW muscle; myosin; chromosome 22; gene therapy; vaccine; heart disease;
 KW skeletal muscle disorder; amplicon; screening; ss.
 XX Homo sapiens.
 XX WO200192524-A2.
 XX PD 06-DEC-2001.
 XX PF 25-MAY-2001; 2001WO-US016981.
 XX 26-MAY-2000; 2000US-0207456P.
 XX 21-SEP-2000; 2000US-0234687P.
 XX 27-SEP-2000; 2000US-0236359P.
 XX 04-OCT-2000; 2000GB-00024263.
 XX 30-JAN-2001; 2001WO-US000661.
 XX 30-JAN-2001; 2001WO-US000662.
 XX 30-JAN-2001; 2001WO-US000663.


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PR 30-JAN-2001; 2001WO-US000664.
PR 30-JAN-2001; 2001WO-US000665.
PR 30-JAN-2001; 2001WO-US000666.
PR 30-JAN-2001; 2001WO-US000667.
PR 30-JAN-2001; 2001WO-US000668.
PR 30-JAN-2001; 2001WO-US000669.
PR 30-JAN-2001; 2001WO-US000670.
PR 05-FEB-2001; 2001US-0266860P.
XX
XX (AEOM-) AEOMICA INC.
XX
XX Gu Y, Ji Y, Penn SG, Hanzel DK, Rank DR, Chen W, Shannon ME;
XX WPI; 2002-179446/23.
XX
XX New polypeptide, for raising antibodies that recognize hGDMPLP-1 proteins,
XX or as specific biomolecule capture probes for surface-enhanced laser
XX desorption ionization, comprises human myosin-like protein hGDMPLP-1.
XX
XX Disclosure; SEQ ID NO 7657; 214pp; English.
XX
XX The present invention describes a human genome-derived myosin-like
XX protein 1 (hGDMPLP-1). The protein and polynucleotide sequences of hGDMPLP-
XX 1 can be used in gene therapy and vaccine production. The hGDMPLP-1
XX nucleic acids can be used as probes to detect, characterise and quantify
XX hGDMPLP-1 nucleic acids in samples, as amplification substrates, to
XX provide initial substrates for the recombinant engineering of hGDMPLP-1
XX protein variants having desired phenotypic improvements, and for
XX expressing the proteins. The hGDMPLP-1 proteins or polypeptides may be
XX used as immunogens to raise antibodies that specifically recognise hGDMPLP
XX -1 proteins, as standards in assays used to determine the concentration
XX and/or amount specifically of hGDMPLP proteins, as specific biomolecule
XX capture probes for surface-enhanced laser desorption/ionisation, as
XX therapeutic supplement in patients having specific deficiency in hGDMPLP-1
XX production, and in vaccines or for replacement therapy. The
XX polynucleotide sequences encoding hGDMPLP-1 may be used for diagnosing a
XX disorder associated with the expression of hGDMPLP-1, in particular heart
XX and skeletal muscle disorders. hGDMPLP-1 is localised to chromosome 22.
XX The present sequence represents an oligomer used in the screening of the
XX hGDMPLP-1 sequence in the exemplification of the present invention. N.B.
XX The sequence data for this patent did not form part of the printed
XX specification, but was obtained in electronic format directly from WIPO
XX at ftp.wipo.int/pub/published_pct_sequence
XX
XX Sequence 17 BP; 7 A; 2 C; 6 G; 2 T; 0 U; 0 Other;
XX
XX Query Match 3.9%; Score 11.2; DB 1; Length 17;
XX Best Local Similarity 81.2%; Pred. No. 7.9e+02;
XX Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
XX
XX QY 804 TCTCTCCCACTCAGG 819
XX ||| ||| ||| ||| |||
XX 16 TCTCTCCAGCTCATG 1
XX
XX RESULT 1291
XX ABN01840/c
XX ID ABN01840 standard; DNA; 17 BP.
XX
XX AC ABN01840;
XX
XX XX 29-MAY-2002 (first entry)
XX
XX DE Human GDMPLP-1 17-mer scanning SEQ ID NO:4 sequence SEQ ID NO:1832.
XX
XX KW Human; genome-derived myosin-like protein 1; GDMPLP-1; hGDMPLP-1; heart;
XX muscle; myosin; chromosome 22; gene therapy; vaccine; heart disease;
XX KW skeletal muscle disorder; amplicon; screening; ss.
XX
XX OS Homo sapiens.
XX
XX PN WO200192524-A2.
XX

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PD 06-DEC-2001.
XX
XX PF 25-MAY-2001; 2001WO-US016981.
XX
XX PR 26-MAY-2000; 2000US-0207456P.
XX PR 21-SEP-2000; 2000US-0234687P.
XX PR 27-SEP-2000; 2000US-0236359P.
XX PR 04-OCT-2000; 2000GB-00024263.
XX PR 30-JAN-2001; 2001WO-US000661.
XX PR 30-JAN-2001; 2001WO-US000662.
XX PR 30-JAN-2001; 2001WO-US000663.
XX PR 30-JAN-2001; 2001WO-US000664.
XX PR 30-JAN-2001; 2001WO-US000665.
XX PR 30-JAN-2001; 2001WO-US000666.
XX PR 30-JAN-2001; 2001WO-US000667.
XX PR 30-JAN-2001; 2001WO-US000668.
XX PR 30-JAN-2001; 2001WO-US000669.
XX PR 05-FEB-2001; 2001US-0266860P.
XX
XX (AEOM-) AEOMICA INC.
XX
XX Gu Y, Ji Y, Penn SG, Hanzel DK, Rank DR, Chen W, Shannon ME;
XX WPI; 2002-179446/23.
XX
XX New polypeptide, for raising antibodies that recognize hGDMPLP-1 proteins,
XX or as specific biomolecule capture probes for surface-enhanced laser
XX desorption ionization, comprises human myosin-like protein hGDMPLP-1.
XX
XX Disclosure; SEQ ID NO 1832; 214pp; English.
XX
XX The present invention describes a human genome-derived myosin-like
XX protein 1 (hGDMPLP-1). The protein and polynucleotide sequences of hGDMPLP-
XX 1 can be used in gene therapy and vaccine production. The hGDMPLP-1
XX nucleic acids can be used as probes to detect, characterise and quantify
XX hGDMPLP-1 nucleic acids in samples, as amplification substrates, to
XX provide initial substrates for the recombinant engineering of hGDMPLP-1
XX protein variants having desired phenotypic improvements, and for
XX expressing the proteins. The hGDMPLP-1 proteins or polypeptides may be
XX used as immunogens to raise antibodies that specifically recognise hGDMPLP
XX -1 proteins, as standards in assays used to determine the concentration
XX and/or amount specifically of hGDMPLP proteins, as specific biomolecule
XX capture probes for surface-enhanced laser desorption/ionisation, as
XX therapeutic supplement in patients having specific deficiency in hGDMPLP-1
XX production, and in vaccines or for replacement therapy. The
XX polynucleotide sequences encoding hGDMPLP-1 may be used for diagnosing a
XX disorder associated with the expression of hGDMPLP-1, in particular heart
XX and skeletal muscle disorders. hGDMPLP-1 is localised to chromosome 22.
XX The present sequence represents an oligomer used in the screening of the
XX hGDMPLP-1 sequence in the exemplification of the present invention. N.B.
XX The sequence data for this patent did not form part of the printed
XX specification, but was obtained in electronic format directly from WIPO
XX at ftp.wipo.int/pub/published_pct_sequence
XX
XX Sequence 17 BP; 4 A; 4 C; 5 G; 4 T; 0 U; 0 Other;
XX
XX Query Match 3.9%; Score 11.2; DB 1; Length 17;
XX Best Local Similarity 81.2%; Pred. No. 7.9e+02;
XX Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
XX
XX QY 809 TCCCACTCAGGCTGG 824
XX ||| ||| ||| ||| |||
XX 16 TCCACCTCAGTGATGG 1
XX
XX RESULT 1292
XX ABQ64034/c
XX ID ABQ64034 standard; DNA; 17 BP.
XX
XX AC ABQ64034;
XX
XX XX 20-AUG-2002 (first entry)
XX

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XX DE Human KTM01a portion (ABQ63232) probe # 747.
XX DE
XX DE Human, KTM01a; kidney tumor overexpressed membrane; cytostatic;
KW gene therapy; cancer; kidney; liver; bone marrow; brain; heart; lung;
KW kidney; colon; skeletal muscle; testis; uterus; placenta; probe; ss.
XX OS Homo sapiens.
XX OS
XX PN W0200224750-A2.
XX PD
XX PD 28-MAR-2002.
XX PF
XX PF 21-SEP-2001; 2001WO-US029656.
XX PR
XX PR 21-SEP-2000; 2000US-0234687P.
XX PR 27-SEP-2000; 2000US-0236359P.
XX PR 04-OCT-2000; 2000GB-00024263.
XX PR 30-JAN-2001; 2001WO-US000661.
XX PR 30-JAN-2001; 2001WO-US000662.
XX PR 30-JAN-2001; 2001WO-US000663.
XX PR 30-JAN-2001; 2001WO-US000664.
XX PR 30-JAN-2001; 2001WO-US000665.
XX PR 30-JAN-2001; 2001WO-US000666.
XX PR 30-JAN-2001; 2001WO-US000667.
XX PR 30-JAN-2001; 2001WO-US000668.
XX PR 30-JAN-2001; 2001WO-US000669.
XX PR 23-MAY-2001; 2001US-00864761.
XX PR 28-AUG-2001; 2001US-0315676P.
XX PA (AEOM-) AEOMICA INC.
XX PI
XX PI Zhang J;
XX WPI; 2002-479509/51.
XX
XX New human kidney tumor overexpressed membrane (KTM01) protein and nucleic
PT acids encoding the protein, useful for treating subjects having defects
PT in KTM01 which can manifest as cancer of the kidney, or as a disorder of
PT e.g., liver or bone.
XX
XX Example 2; Page 255; 418pp; English.
XX
XX The invention relates to a novel isolated nucleic acid encoding human
CC KTM01 (kidney tumor overexpressed membrane) protein. The protein of the
CC invention has cytostatic activity. The nucleotide may have a use in gene
CC therapy. The KTM01 nucleic acids may be used to diagnose, treat or
CC monitor a disease caused by altered expression of human KTM01.
CC Compositions comprising the nucleic acids, proteins or antibodies may be
CC used to treat subjects having defects in KTM01 which can manifest as
CC cancer of the kidney, as well as a disorder of liver, bone marrow, brain,
CC heart, lung, kidney, colon, skeletal muscle, testis, uterus and placenta
CC function. The sequence represents a probe used in the invention to scan
CC the nt 1-1001 portion of human KTM01a (ABQ63232)
XX
XX Sequence 17 BP; 1 A; 7 C; 5 G; 4 T; 0 U; 0 Other;
SQ
Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred.No. 7.9e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 778 AGGCGAGCCCTCTGG 793
Db 17 AGAGCGCCCTGAGG 2
RESULT 1293
ABQ63334
ID ABQ63334 standard; DNA; 17 BP.
XX
XX AC ABQ63334;
XX AC

```

```

DT 20-AUG-2002 (first entry)
XX Human KTM01a portion (ABQ63232) probe # 47.
XX
XX Human, KTM01a; KTM01; kidney tumor overexpressed membrane; cytostatic;
KW gene therapy; cancer; kidney; liver; bone marrow; brain; heart; lung;
KW kidney; colon; skeletal muscle; testis; uterus; placenta; probe; ss.
XX OS Homo sapiens.
XX OS
XX PN W0200224750-A2.
XX PD
XX PD 28-MAR-2002.
XX PF
XX PF 21-SEP-2001; 2001WO-US029656.
XX PR
XX PR 21-SEP-2000; 2000US-0234687P.
XX PR 27-SEP-2000; 2000US-0236359P.
XX PR 04-OCT-2000; 2000GB-00024263.
XX PR 30-JAN-2001; 2001WO-US000661.
XX PR 30-JAN-2001; 2001WO-US000662.
XX PR 30-JAN-2001; 2001WO-US000663.
XX PR 30-JAN-2001; 2001WO-US000664.
XX PR 30-JAN-2001; 2001WO-US000665.
XX PR 30-JAN-2001; 2001WO-US000666.
XX PR 30-JAN-2001; 2001WO-US000667.
XX PR 30-JAN-2001; 2001WO-US000668.
XX PR 30-JAN-2001; 2001WO-US000669.
XX PR 23-MAY-2001; 2001US-00864761.
XX PR 28-AUG-2001; 2001US-0315676P.
XX PA (AEOM-) AEOMICA INC.
XX PI
XX PI Zhang J;
XX WPI; 2002-479509/51.
XX
XX New human kidney tumor overexpressed membrane (KTM01) protein and nucleic
PT acids encoding the protein, useful for treating subjects having defects
PT in KTM01 which can manifest as cancer of the kidney, or as a disorder of
PT e.g., liver or bone.
XX
XX Example 2; Page 163; 418pp; English.
XX
XX The invention relates to a novel isolated nucleic acid encoding human
CC KTM01 (kidney tumor overexpressed membrane) protein. The protein of the
CC invention has cytostatic activity. The nucleotide may have a use in gene
CC therapy. The KTM01 nucleic acids may be used to diagnose, treat or
CC monitor a disease caused by altered expression of human KTM01.
CC Compositions comprising the nucleic acids, proteins or antibodies may be
CC used to treat subjects having defects in KTM01 which can manifest as
CC cancer of the kidney, as well as a disorder of liver, bone marrow, brain,
CC heart, lung, kidney, colon, skeletal muscle, testis, uterus and placenta
CC function. The sequence represents a probe used in the invention to scan
CC the nt 1-1001 portion of human KTM01a (ABQ63232)
XX
XX Sequence 17 BP; 2 A; 8 C; 5 G; 2 T; 0 U; 0 Other;
SQ
Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred.No. 7.9e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 752 CCAGGTCCTAGGCC 767
Db 1 CCAGGTCCTAGGCC 16
RESULT 1294
ABQ63332
ID ABQ63332 standard; DNA; 17 BP.
XX
XX AC ABQ63332;
XX AC

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XX 20-AUG-2002 (first entry)
XX Human KTM1a portion (ABQ63232) probe # 45.
XX Human, KTM1a; KTM1; kidney tumour overexpressed membrane; cytostatic;
XX gene therapy; cancer; kidney; liver; bone marrow; brain; heart; lung;
XX kidney; colon; skeletal muscle; testis; uterus; placenta; probe; ss.
XX Homo sapiens.
XX WO200224750-A2.
XX 28-MAR-2002.
XX 21-SEP-2001; 2001WO-US029656.
XX 21-SEP-2000; 2000US-0234687P.
XX 27-SEP-2000; 2000US-0236359P.
XX 04-OCT-2000; 2000GB-00024263.
XX 30-JAN-2001; 2001WO-US000661.
XX 30-JAN-2001; 2001WO-US000662.
XX 30-JAN-2001; 2001WO-US000663.
XX 30-JAN-2001; 2001WO-US000664.
XX 30-JAN-2001; 2001WO-US000665.
XX 30-JAN-2001; 2001WO-US000666.
XX 30-JAN-2001; 2001WO-US000667.
XX 30-JAN-2001; 2001WO-US000668.
XX 30-JAN-2001; 2001WO-US000669.
XX 23-MAY-2001; 2001US-00864761.
XX 28-AUG-2001; 2001US-0315676P.
XX (AEOM-) AEOMICA INC.
XX Zhang J;
XX WPI; 2002-479509/51.
XX New human kidney tumor overexpressed membrane (KTM1) protein and nucleic
XX acids encoding the protein, useful for treating subjects having defects
XX in KTM1 which can manifest as cancer of the kidney, or as a disorder of
XX e.g., liver or bone.
XX Example 2; Page 163; 418pp; English.
XX The invention relates to a novel isolated nucleic acid encoding human
XX KTM1 (kidney tumour overexpressed membrane) protein. The protein of the
XX invention has cytostatic activity. The nucleotide may have a use in gene
XX therapy. The KTM1 nucleic acids may be used to diagnose, treat or
XX monitor a disease caused by altered expression of human KTM1.
XX Compositions comprising the nucleic acids, proteins or antibodies may be
XX used to treat subjects having defects in KTM1 which can manifest as
XX cancer of the kidney, as well as a disorder of liver, bone marrow, brain,
XX heart, lung, kidney, colon, skeletal muscle, testis, uterus and placenta
XX function. The sequence represents a probe used in the invention to scan
XX the nt 1-1001 portion of human KTM1a (ABQ63232)
XX Sequence 17 BP; 1 A; 9 C; 5 G; 2 T; 0 U; 0 Other;
XX Query Match 3.9%; Score 11.2; DB 1; Length 17;
XX Best Local Similarity 81.2%; Pred. No. 7.9e+02;
XX Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
XX
XX 751 CCCAGGGTCCCTAGGC 766
XX ||||| ||||| |||||
XX 2 CCCAGCGTCCCGTGGC 17
XX
XX RESULT 1295
XX ABQ63753/c
XX ID ABQ63753 standard; DNA; 17 BP.
XX
AC ABQ63753;
XX 20-AUG-2002 (first entry)
XX Human KTM1a portion (ABQ63232) probe # 466.
XX Human, KTM1a; KTM1; kidney tumour overexpressed membrane; cytostatic;
XX gene therapy; cancer; kidney; liver; bone marrow; brain; heart; lung;
XX kidney; colon; skeletal muscle; testis; uterus; placenta; probe; ss.
XX Homo sapiens.
XX WO200224750-A2.
XX 28-MAR-2002.
XX 21-SEP-2001; 2001WO-US029656.
XX 21-SEP-2000; 2000US-0234687P.
XX 27-SEP-2000; 2000US-0236359P.
XX 04-OCT-2000; 2000GB-00024263.
XX 30-JAN-2001; 2001WO-US000661.
XX 30-JAN-2001; 2001WO-US000662.
XX 30-JAN-2001; 2001WO-US000663.
XX 30-JAN-2001; 2001WO-US000664.
XX 30-JAN-2001; 2001WO-US000665.
XX 30-JAN-2001; 2001WO-US000666.
XX 30-JAN-2001; 2001WO-US000667.
XX 30-JAN-2001; 2001WO-US000668.
XX 30-JAN-2001; 2001WO-US000669.
XX 23-MAY-2001; 2001US-00864761.
XX 28-AUG-2001; 2001US-0315676P.
XX (AEOM-) AEOMICA INC.
XX Zhang J;
XX WPI; 2002-479509/51.
XX New human kidney tumor overexpressed membrane (KTM1) protein and nucleic
XX acids encoding the protein, useful for treating subjects having defects
XX in KTM1 which can manifest as cancer of the kidney, or as a disorder of
XX e.g., liver or bone.
XX Example 2; Page 218; 418pp; English.
XX The invention relates to a novel isolated nucleic acid encoding human
XX KTM1 (kidney tumour overexpressed membrane) protein. The protein of the
XX invention has cytostatic activity. The nucleotide may have a use in gene
XX therapy. The KTM1 nucleic acids may be used to diagnose, treat or
XX monitor a disease caused by altered expression of human KTM1.
XX Compositions comprising the nucleic acids, proteins or antibodies may be
XX used to treat subjects having defects in KTM1 which can manifest as
XX cancer of the kidney, as well as a disorder of liver, bone marrow, brain,
XX heart, lung, kidney, colon, skeletal muscle, testis, uterus and placenta
XX function. The sequence represents a probe used in the invention to scan
XX the nt 1-1001 portion of human KTM1a (ABQ63232)
XX Sequence 17 BP; 3 A; 5 C; 5 G; 4 T; 0 U; 0 Other;
XX Query Match 3.9%; Score 11.2; DB 1; Length 17;
XX Best Local Similarity 81.2%; Pred. No. 7.9e+02;
XX Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
XX
XX 805 CTCCTCCCACTCAGGG 820
XX ||||| ||||| |||||
XX 16 CTGCTGCAATCAGGG 1
XX
XX RESULT 1296
XX ABQ63785/c
XX ID ABQ63785 standard; DNA; 17 BP.

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XX AC ABQ63785;
XX DT 20-AUG-2002 (first entry)
XX DE Human KTM01a portion (ABQ63232) probe # 498.
XX DE Human; KTM01a; KTM01; kidney tumour overexpressed membrane; cytostatic;
XX KW gene therapy; cancer; kidney; liver; bone marrow; brain; heart; lung;
XX KW kidney; colon; skeletal muscle; testis; uterus; placenta; probe; ss.
XX OS Homo sapiens.
XX PN WO200224750-A2.
XX PD 28-MAR-2002.
XX PF 21-SEP-2001; 2001WO-US029656.
XX PR 21-SEP-2000; 2000US-0234687P.
XX PR 27-SEP-2000; 2000US-0236359P.
XX PR 04-OCT-2000; 2000GB-00024263.
XX PR 30-JAN-2001; 2001WO-US000661.
XX PR 30-JAN-2001; 2001WO-US000662.
XX PR 30-JAN-2001; 2001WO-US000663.
XX PR 30-JAN-2001; 2001WO-US000664.
XX PR 30-JAN-2001; 2001WO-US000665.
XX PR 30-JAN-2001; 2001WO-US000666.
XX PR 30-JAN-2001; 2001WO-US000667.
XX PR 30-JAN-2001; 2001WO-US000668.
XX PR 30-JAN-2001; 2001WO-US000669.
XX PR 30-JAN-2001; 2001WO-US000670.
XX PR 23-MAY-2001; 2001US-00864761.
XX PR 28-AUG-2001; 2001US-0315676P.
XX PA (AEOM-) AEOMICA INC.
XX PI Zhang J;
XX PI WPI; 2002-479509/51.
XX DR New human kidney tumor overexpressed membrane (KTM01) protein and nucleic
XX PT acids encoding the protein, useful for treating subjects having defects
XX PT in KTM01 which can manifest as cancer of the kidney, or as a disorder of
XX PT e.g., liver or bone.
XX PS Example 2; Page 223; 418pp; English.
XX CC The invention relates to a novel isolated nucleic acid encoding human
XX CC KTM01 (kidney tumour overexpressed membrane) protein. The protein of the
XX CC invention has cytostatic activity. The nucleotide may have a use in gene
XX CC therapy. The KTM01 nucleic acids may be used to diagnose, treat or
XX CC monitor a disease caused by altered expression of human KTM01.
XX CC Compositions comprising the nucleic acids, proteins or antibodies may be
XX CC used to treat subjects having defects in KTM01 which can manifest as
XX CC cancer of the kidney, as well as a disorder of liver, bone marrow, brain,
XX CC heart, lung, kidney, colon, skeletal muscle, testis, uterus and placenta
XX CC function. The sequence represents a probe used in the invention to scan
XX CC the nt 1-1001 portion of human KTM01a (ABQ63232)
XX SQ Sequence 17 BP; 3 A; 6 C; 5 G; 3 T; 0 U; 0 Other;

Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.9e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 775 CTGAGGCGAGCCCTC 790
DB 16 CTGAGGAGGCTCTC 1

RESULT 1297
ABQ63496/c

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ID XX ABQ63496 standard; DNA; 17 BP.
XX AC ABQ63496;
XX DT 20-AUG-2002 (first entry)
XX DE Human KTM01a portion (ABQ63232) probe # 209.
XX DE Human; KTM01a; KTM01; kidney tumour overexpressed membrane; cytostatic;
XX KW gene therapy; cancer; kidney; liver; bone marrow; brain; heart; lung;
XX KW kidney; colon; skeletal muscle; testis; uterus; placenta; probe; ss.
XX OS Homo sapiens.
XX PN WO200224750-A2.
XX PD 28-MAR-2002.
XX PF 21-SEP-2001; 2001WO-US029656.
XX PR 21-SEP-2000; 2000US-0234687P.
XX PR 27-SEP-2000; 2000US-0236359P.
XX PR 04-OCT-2000; 2000GB-00024263.
XX PR 30-JAN-2001; 2001WO-US000661.
XX PR 30-JAN-2001; 2001WO-US000662.
XX PR 30-JAN-2001; 2001WO-US000663.
XX PR 30-JAN-2001; 2001WO-US000664.
XX PR 30-JAN-2001; 2001WO-US000665.
XX PR 30-JAN-2001; 2001WO-US000666.
XX PR 30-JAN-2001; 2001WO-US000667.
XX PR 30-JAN-2001; 2001WO-US000668.
XX PR 30-JAN-2001; 2001WO-US000669.
XX PR 30-JAN-2001; 2001WO-US000670.
XX PR 23-MAY-2001; 2001US-00864761.
XX PR 28-AUG-2001; 2001US-0315676P.
XX PA (AEOM-) AEOMICA INC.
XX PI Zhang J;
XX PI WPI; 2002-479509/51.
XX DR New human kidney tumor overexpressed membrane (KTM01) protein and nucleic
XX PT acids encoding the protein, useful for treating subjects having defects
XX PT in KTM01 which can manifest as cancer of the kidney, or as a disorder of
XX PT e.g., liver or bone.
XX PS Example 2; Page 185; 418pp; English.
XX CC The invention relates to a novel isolated nucleic acid encoding human
XX CC KTM01 (kidney tumour overexpressed membrane) protein. The protein of the
XX CC invention has cytostatic activity. The nucleotide may have a use in gene
XX CC therapy. The KTM01 nucleic acids may be used to diagnose, treat or
XX CC monitor a disease caused by altered expression of human KTM01.
XX CC Compositions comprising the nucleic acids, proteins or antibodies may be
XX CC used to treat subjects having defects in KTM01 which can manifest as
XX CC cancer of the kidney, as well as a disorder of liver, bone marrow, brain,
XX CC heart, lung, kidney, colon, skeletal muscle, testis, uterus and placenta
XX CC function. The sequence represents a probe used in the invention to scan
XX CC the nt 1-1001 portion of human KTM01a (ABQ63232)
XX SQ Sequence 17 BP; 1 A; 5 C; 9 G; 2 T; 0 U; 0 Other;

Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.9e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 746 AGGGTCCCGAGGTCCTC 761
DB 16 AGGGCCCCATGGCCCC 1

RESULT 1298

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```
ABQ63751/c
ID ABQ63751 standard; DNA; 17 BP.
XX AC
XX ABQ63751;
XX DT
XX 20-AUG-2002 (first entry)
XX DE
XX Human KTOM1a portion (ABQ63232) probe # 464.
XX KW
XX Human; KTOM1a; KTOM1; kidney tumour overexpressed membrane; cytostatic;
XX gene therapy; cancer; kidney; liver; bone marrow; brain; heart; lung;
XX kidney; colon; skeletal muscle; testis; uterus; placenta; probe; ss.
XX OS
XX Homo sapiens.
XX PN
XX WO200224750-A2.
XX PD
XX 28-MAR-2002.
XX PF
XX 21-SEP-2001; 2001WO-US029656.
XX PR
XX 21-SEP-2000; 2000US-0234687P.
XX PR
XX 27-SEP-2000; 2000US-0236359P.
XX PR
XX 04-OCT-2000; 2000GB-00024263.
XX PR
XX 30-JAN-2001; 2001WO-US000661.
XX PR
XX 30-JAN-2001; 2001WO-US000662.
XX PR
XX 30-JAN-2001; 2001WO-US000663.
XX PR
XX 30-JAN-2001; 2001WO-US000664.
XX PR
XX 30-JAN-2001; 2001WO-US000665.
XX PR
XX 30-JAN-2001; 2001WO-US000666.
XX PR
XX 30-JAN-2001; 2001WO-US000667.
XX PR
XX 30-JAN-2001; 2001WO-US000668.
XX PR
XX 30-JAN-2001; 2001WO-US000669.
XX PR
XX 30-JAN-2001; 2001WO-US000670.
XX PR
XX 23-MAY-2001; 2001WO-US000670.
XX PR
XX 28-AUG-2001; 2001US-0315676P.
XX PA
XX (ABOM-) AEOMICA INC.
XX PI
XX Zhang J;
XX DR
XX WPI; 2002-479509/51.
XX PT
XX New human kidney tumor overexpressed membrane (KTOM1) protein and nucleic
XX acids encoding the protein, useful for treating subjects having defects
XX in KTOM1 which can manifest as cancer of the kidney, or as a disorder of
XX e.g., liver or bone.
XX PS
XX Example 2; Page 218; 418pp; English.
XX CC
XX The invention relates to a novel isolated nucleic acid encoding human
XX KTOM1 (kidney tumour overexpressed membrane) protein. The protein of the
XX invention has cytostatic activity. The nucleotide may have a use in gene
XX therapy. The KTOM1 nucleic acids may be used to diagnose, treat or
XX monitor a disease caused by altered expression of human KTOM1.
XX CC
XX Compositions comprising the nucleic acids, proteins or antibodies may be
XX used to treat subjects having defects in KTOM1 which can manifest as
XX cancer of the kidney, as well as a disorder of liver, bone marrow, brain,
XX heart, lung, kidney, colon, skeletal muscle, testis, uterus and placenta
XX function. The sequence represents a probe used in the invention to scan
XX the nt 1-1001 portion of human KTOM1a (ABQ63232)
XX SQ
XX Sequence 17 BP; 4 A; 5 C; 4 G; 4 T; 0 U; 0 Other;
XX
XX Query Match 3.9%; Score 11.2; DB 1; Length 17;
XX Best Local Similarity 81.2%; Pred. No. 7.9e+02;
XX Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
XX
XX QY 806 TCCTCAACTCAGGTT 821
XX | | | | |
XX 17 TCGTCAATCAGGTT 2
XX
```

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RESULT 1299
ABQ63633/c
ID ABQ63633 standard; DNA; 17 BP.
XX AC
XX ABQ63633;
XX DT
XX 20-AUG-2002 (first entry)
XX DE
XX Human KTOM1a portion (ABQ63232) probe # 346.
XX KW
XX Human; KTOM1a; KTOM1; kidney tumour overexpressed membrane; cytostatic;
XX gene therapy; cancer; kidney; liver; bone marrow; brain; heart; lung;
XX kidney; colon; skeletal muscle; testis; uterus; placenta; probe; ss.
XX OS
XX Homo sapiens.
XX PN
XX WO200224750-A2.
XX PD
XX 28-MAR-2002.
XX PF
XX 21-SEP-2001; 2001WO-US029656.
XX PR
XX 21-SEP-2000; 2000US-0234687P.
XX PR
XX 27-SEP-2000; 2000US-0236359P.
XX PR
XX 04-OCT-2000; 2000GB-00024263.
XX PR
XX 30-JAN-2001; 2001WO-US000661.
XX PR
XX 30-JAN-2001; 2001WO-US000662.
XX PR
XX 30-JAN-2001; 2001WO-US000663.
XX PR
XX 30-JAN-2001; 2001WO-US000664.
XX PR
XX 30-JAN-2001; 2001WO-US000665.
XX PR
XX 30-JAN-2001; 2001WO-US000666.
XX PR
XX 30-JAN-2001; 2001WO-US000667.
XX PR
XX 30-JAN-2001; 2001WO-US000668.
XX PR
XX 30-JAN-2001; 2001WO-US000669.
XX PR
XX 30-JAN-2001; 2001WO-US000670.
XX PR
XX 23-MAY-2001; 2001US-00864761.
XX PR
XX 28-AUG-2001; 2001US-0315676P.
XX PA
XX (ABOM-) AEOMICA INC.
XX PI
XX Zhang J;
XX DR
XX WPI; 2002-479509/51.
XX PT
XX New human kidney tumor overexpressed membrane (KTOM1) protein and nucleic
XX acids encoding the protein, useful for treating subjects having defects
XX in KTOM1 which can manifest as cancer of the kidney, or as a disorder of
XX e.g., liver or bone.
XX PS
XX Example 2; Page 203; 418pp; English.
XX CC
XX The invention relates to a novel isolated nucleic acid encoding human
XX KTOM1 (kidney tumour overexpressed membrane) protein. The protein of the
XX invention has cytostatic activity. The nucleotide may have a use in gene
XX therapy. The KTOM1 nucleic acids may be used to diagnose, treat or
XX monitor a disease caused by altered expression of human KTOM1.
XX CC
XX Compositions comprising the nucleic acids, proteins or antibodies may be
XX used to treat subjects having defects in KTOM1 which can manifest as
XX cancer of the kidney, as well as a disorder of liver, bone marrow, brain,
XX heart, lung, kidney, colon, skeletal muscle, testis, uterus and placenta
XX function. The sequence represents a probe used in the invention to scan
XX the nt 1-1001 portion of human KTOM1a (ABQ63232)
XX SQ
XX Sequence 17 BP; 2 A; 7 C; 6 G; 2 T; 0 U; 0 Other;
XX
XX Query Match 3.9%; Score 11.2; DB 1; Length 17;
XX Best Local Similarity 81.2%; Pred. No. 7.9e+02;
XX Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
XX
XX QY 786 CCCTCTGGTGCCAGA 801
XX | | | | |
XX 17 CCCTGTGGGCCAGGA 2
XX
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RESULT 1300
ABQ63634/c
ID ABQ63634 standard; DNA; 17 BP.
XX AC ABQ63634;
XX DT 20-AUG-2002 (first entry)
XX DE Human KTM01a portion (ABQ63232) probe # 347.
XX KW Human; KTM01a; KTM01; kidney tumor overexpressed membrane; cytostatic;
KW gene therapy; cancer; kidney; liver; bone marrow; brain; heart; lung;
KW kidney; colon; skeletal muscle; testis; uterus; placenta; probe; ss.
XX OS Homo sapiens.
XX DN WO200224750-A2.
XX PD 28-MAR-2002.
XX PF 21-SEP-2001; 2001WO-US029656.
XX PR 21-SEP-2000; 2000US-0234687P.
XX PR 27-SEP-2000; 2000US-0236359P.
XX PR 04-OCT-2000; 2000GB-00024263.
XX PR 30-JAN-2001; 2001WO-US000661.
XX PR 30-JAN-2001; 2001WO-US000662.
XX PR 30-JAN-2001; 2001WO-US000663.
XX PR 30-JAN-2001; 2001WO-US000664.
XX PR 30-JAN-2001; 2001WO-US000665.
XX PR 30-JAN-2001; 2001WO-US000666.
XX PR 30-JAN-2001; 2001WO-US000667.
XX PR 30-JAN-2001; 2001WO-US000668.
XX PR 30-JAN-2001; 2001WO-US000669.
XX PR 30-JAN-2001; 2001WO-US000670.
XX PR 23-MAY-2001; 2001US-00864761.
XX PR 28-AUG-2001; 2001US-0315676P.
XX PA (ABOM-) ABOMICA INC.
XX PI Zhang J;
XX WPI; 2002-479509/51.
XX DR New human kidney tumor overexpressed membrane (KTM01) protein and nucleic
PT acids encoding the protein, useful for treating subjects having defects
PT in KTM01 which can manifest as cancer of the kidney, or as a disorder of
PT e.g., liver or bone.
XX PS Example 2; Page 203; 418pp; English.
XX CC The invention relates to a novel isolated nucleic acid encoding human
CC KTM01 (kidney tumor overexpressed membrane) protein. The protein of the
CC invention has cytostatic activity. The nucleotide may have a use in gene
CC therapy. The KTM01 nucleic acids may be used to diagnose, treat or
CC monitor a disease caused by altered expression of human KTM01.
CC Compositions comprising the nucleic acids, proteins or antibodies may be
CC used to treat subjects having defects in KTM01 which can manifest as
CC cancer of the kidney, as well as a disorder of liver, bone marrow, brain,
CC heart, lung, kidney, colon, skeletal muscle, testis, uterus and placenta
CC function. The sequence represents a probe used in the invention to scan
CC the nt 1-1001 portion of human KTM01a (ABQ63232)
XX SQ Sequence 17 BP; 2 A; 8 C; 5 G; 2 T; 0 U; 0 Other;
Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.9e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 786 CCTCTGGTCCCAAGA 801
DB 16 CCTGTGGGGCCAGGA 1

RESULT 1301
ABQ64035/c
ID ABQ64035 standard; DNA; 17 BP.
XX AC ABQ64035;
XX DT 20-AUG-2002 (first entry)
XX DE Human KTM01a portion (ABQ63232) probe # 748.
XX KW Human; KTM01a; KTM01; kidney tumor overexpressed membrane; cytostatic;
KW gene therapy; cancer; kidney; liver; bone marrow; brain; heart; lung;
KW kidney; colon; skeletal muscle; testis; uterus; placenta; probe; ss.
XX OS Homo sapiens.
XX DN WO200224750-A2.
XX PD 28-MAR-2002.
XX PF 21-SEP-2001; 2001WO-US029656.
XX PR 21-SEP-2000; 2000US-0234687P.
XX PR 27-SEP-2000; 2000US-0236359P.
XX PR 04-OCT-2000; 2000GB-00024263.
XX PR 30-JAN-2001; 2001WO-US000661.
XX PR 30-JAN-2001; 2001WO-US000662.
XX PR 30-JAN-2001; 2001WO-US000663.
XX PR 30-JAN-2001; 2001WO-US000664.
XX PR 30-JAN-2001; 2001WO-US000665.
XX PR 30-JAN-2001; 2001WO-US000666.
XX PR 30-JAN-2001; 2001WO-US000667.
XX PR 30-JAN-2001; 2001WO-US000668.
XX PR 30-JAN-2001; 2001WO-US000669.
XX PR 30-JAN-2001; 2001WO-US000670.
XX PR 23-MAY-2001; 2001US-00864761.
XX PR 28-AUG-2001; 2001US-0315676P.
XX PA (ABOM-) ABOMICA INC.
XX PI Zhang J;
XX WPI; 2002-479509/51.
XX DR New human kidney tumor overexpressed membrane (KTM01) protein and nucleic
PT acids encoding the protein, useful for treating subjects having defects
PT in KTM01 which can manifest as cancer of the kidney, or as a disorder of
PT e.g., liver or bone.
XX PS Example 2; Page 255; 418pp; English.
XX CC The invention relates to a novel isolated nucleic acid encoding human
CC KTM01 (kidney tumor overexpressed membrane) protein. The protein of the
CC invention has cytostatic activity. The nucleotide may have a use in gene
CC therapy. The KTM01 nucleic acids may be used to diagnose, treat or
CC monitor a disease caused by altered expression of human KTM01.
CC Compositions comprising the nucleic acids, proteins or antibodies may be
CC used to treat subjects having defects in KTM01 which can manifest as
CC cancer of the kidney, as well as a disorder of liver, bone marrow, brain,
CC heart, lung, kidney, colon, skeletal muscle, testis, uterus and placenta
CC function. The sequence represents a probe used in the invention to scan
CC the nt 1-1001 portion of human KTM01a (ABQ63232)
XX SQ Sequence 17 BP; 1 A; 6 C; 6 G; 4 T; 0 U; 0 Other;
Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.9e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 778 AGGCAGCCCTCTGG 793
DB 11 |||||

QY 746 AGGGTCCAGGGTCCC 761
 ||||| ||||| |||||
 Db 17 AGGGCCCCATGGCCCC 2

RESULT 1304
 ABQ63497/c
 ID ABQ63497 standard; DNA; 17 BP.

AC ABQ63497;

XX 20-AUG-2002 (first entry)

XX Human KTM1a portion (ABQ63232) probe # 210.

XX Human; KTM1a; KTM1; kidney tumour overexpressed membrane; cytostatic;
 KW gene therapy; cancer; kidney; liver; bone marrow; brain; heart; lung;
 KW kidney; colon; skeletal muscle; testis; uterus; placenta; probe; ss.

XX Homo sapiens.

XX WO200224750-A2.

XX 28-MAR-2002.

XX 21-SEP-2001; 2001WO-US029656.

XX 21-SEP-2000; 2000US-0234687P.

XX 27-SEP-2000; 2000US-0236359P.

XX 04-OCT-2000; 2000GB-00024263.

XX 30-JAN-2001; 2001WO-US000661.

XX 30-JAN-2001; 2001WO-US000662.

XX 30-JAN-2001; 2001WO-US000663.

XX 30-JAN-2001; 2001WO-US000664.

XX 30-JAN-2001; 2001WO-US000665.

XX 30-JAN-2001; 2001WO-US000666.

XX 30-JAN-2001; 2001WO-US000667.

XX 30-JAN-2001; 2001WO-US000668.

XX 30-JAN-2001; 2001WO-US000669.

XX 30-JAN-2001; 2001WO-US000670.

XX 23-MAY-2001; 2001US-00864761.

XX 28-AUG-2001; 2001US-0315676P.

XX (AEOM-) AEOMICA INC.

XX Zhang J;

XX WPI; 2002-479509/51.

XX New human kidney tumor overexpressed membrane (KTM1) protein and nucleic
 PT acids encoding the protein, useful for treating subjects having defects
 PT in KTM1 which can manifest as cancer of the kidney, or as a disorder of
 PT e.g., liver or bone.

XX Example 2; Page 185; 418pp; English.

XX The invention relates to a novel isolated nucleic acid encoding human

XX KTM1 (kidney tumor overexpressed membrane) protein. The protein of the

XX invention has cytostatic activity. The nucleotide may have a use in gene

XX therapy. The KTM1 nucleic acids may be used to diagnose, treat or

QY 752 CCAGGTCCCTAGGCC 767
 ||||| ||||| |||||
 Db 17 CCAGGGCCCCATGGGCC 2

RESULT 1305

ABQ63498/c

ID ABQ63498 standard; DNA; 17 BP.

AC ABQ63498;

XX 20-AUG-2002 (first entry)

XX Human KTM1a portion (ABQ63232) probe # 211.

XX Human; KTM1a; KTM1; kidney tumour overexpressed membrane; cytostatic;
 KW gene therapy; cancer; kidney; liver; bone marrow; brain; heart; lung;
 KW kidney; colon; skeletal muscle; testis; uterus; placenta; probe; ss.

XX Homo sapiens.

XX WO200224750-A2.

XX 28-MAR-2002.

XX 21-SEP-2001; 2001WO-US029656.

XX 21-SEP-2000; 2000US-0234687P.

XX 27-SEP-2000; 2000US-0236359P.

XX 04-OCT-2000; 2000GB-00024263.

XX 30-JAN-2001; 2001WO-US000661.

XX 30-JAN-2001; 2001WO-US000662.

XX 30-JAN-2001; 2001WO-US000663.

XX 30-JAN-2001; 2001WO-US000664.

XX 30-JAN-2001; 2001WO-US000665.

XX 30-JAN-2001; 2001WO-US000666.

XX 30-JAN-2001; 2001WO-US000667.

XX 30-JAN-2001; 2001WO-US000668.

XX 30-JAN-2001; 2001WO-US000669.

XX 30-JAN-2001; 2001WO-US000670.

XX 23-MAY-2001; 2001US-00864761.

XX 28-AUG-2001; 2001US-0315676P.

XX (AEOM-) AEOMICA INC.

XX Zhang J;

XX WPI; 2002-479509/51.

XX New human kidney tumor overexpressed membrane (KTM1) protein and nucleic
 PT acids encoding the protein, useful for treating subjects having defects
 PT in KTM1 which can manifest as cancer of the kidney, or as a disorder of
 PT e.g., liver or bone.

XX Example 2; Page 185; 418pp; English.

XX The invention relates to a novel isolated nucleic acid encoding human

XX KTM1 (kidney tumor overexpressed membrane) protein. The protein of the

XX invention has cytostatic activity. The nucleotide may have a use in gene

XX therapy. The KTM1 nucleic acids may be used to diagnose, treat or

Query Match 3.9%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 7.9e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 752 CCAGGTCCTAGGCC 767
 ||||| ||| |||||
 Db 16 CCAGGCCCCCATGGCC 1

RESULT 1306
 ABL42361
 ID ABL42361 standard; DNA; 17 BP.
 XX
 AC ABL42361;
 XX
 DT 12-SEP-2002 (first entry)
 XX
 DE Guinea pig integrin beta_6 nucleic acid from position 1325.
 XX
 KW Integrin beta-subunit; integrin; beta_6; probe; guinea pig; ds.
 OS Cavia sp.
 XX
 US6339148-B1.
 PN 15-JAN-2002.
 PD 26-SEP-1997; 97US-00938085.
 PF 11-JUL-1991; 91US-00728215.
 PR (REGC) UNIV CALIFORNIA.
 PA (SCRI) SCRIPPS RES INST.
 XX
 PI Sheppard D, Quaranta V, Pytela R;
 XX
 WPI; 2002-204509/26.
 XX
 PT New polynucleotide encoding integrin beta subunit, beta 6 having affinity
 PT for extracellular matrix molecules, useful as probes for diagnostic
 PT purposes.
 XX
 PS Example 1; Fig 1; 51pp; English.
 XX
 CC The sequence represents a guinea pig integrin beta_6 nucleic acid
 CC sequence, used in the invention in the design of consensus PCR primers.
 CC The invention relates to a novel isolated polynucleotide encoding a
 CC sequence of an integrin beta-subunit, beta_6. The polynucleotides
 CC encoding for adhesion peptides, especially a receptor subunit having
 CC affinity for extracellular matrix molecules, are useful as probes for
 CC diagnostic purposes. The beta_6 integrin is useful for detecting ligands
 CC which bind a beta_6-containing integrin
 XX
 SQ Sequence 17 BP; 5 A; 6 C; 4 G; 2 T; 0 U; 0 Other;

Query Match 3.9%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 7.9e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 838 CTTCTCTGAAGACAGC 853
 ||||| ||||| |||||
 Db 1 CATCTCCGAAGACGCC 16

RESULT 1307
 ABV79757/C
 ID ABV79757 standard; DNA; 17 BP.
 XX
 AC ABV79757;
 XX
 DT 03-JAN-2003 (first entry)
 XX
 DE Human HTPL scanning oligonucleotide SEQ ID 1003.
 XX
 KW Human; gene therapy; tumour suppressor; HTPL; chromosome 10p12.1;

human testis expressed Patched like protein; testis; adrenal; liver;
 KW male; germ cell development; bone marrow; brain; kidney; lung; placenta;
 KW prostate; skeletal muscle; colon; male infertility; cancer; ss.
 XX
 OS Homo sapiens.
 XX
 PN EP1229046-A2.
 XX
 PD 07-AUG-2002.
 XX
 PF 28-JAN-2002; 2002EP-00001167.
 XX
 PR 30-JAN-2001; 2001WO-US0000663.
 PR 30-JAN-2001; 2001WO-US0000664.
 PR 30-JAN-2001; 2001WO-US0000665.
 PR 30-JAN-2001; 2001WO-US0000667.
 PR 30-JAN-2001; 2001WO-US0000668.
 PR 30-JAN-2001; 2001WO-US0000669.
 PR 23-MAY-2001; 2001US-00864761.
 PR 09-OCT-2001; 2001US-0327898P.
 XX
 PA (AEOM-) ABOMICA INC.
 XX
 PI Zhan J;
 XX
 WPI; 2002-676582/73.
 XX
 PT Novel isolated human testis expressed Patched like protein (HTPL), useful
 PT for identifying agonist and antagonist and specific binding partners, and
 PT for treating subjects having defects in HTPL.
 XX
 PS Example 2; Page 195; 718pp; English.
 XX
 CC The present invention relates to human testis expressed Patched like
 CC protein (HTPL, see ABV78759 to ABV78762 and ABV98519 to ABV98520). HTPL
 CC has two isoforms, with a few single base pair differences between the
 CC two. One of the single base pair changes introduces a premature stop
 CC codon in HTPL-S (S for short) compared to HTPL-L (L for long). HTPL
 CC shares an overall structure organisation with the Patched protein. The
 CC shared structural features strongly imply that HTPL plays a role similar
 CC to that of Patched, and is a potential tumour suppressor. HTPL is
 CC important in regulating male germ cell development, and the HTPL gene was
 CC mapped to human chromosome 10p12.1. HTPL and its coding sequence are
 CC useful for diagnosing a disorder caused by mutation in HTPL, and in
 CC therapy and manufacture of a medicament for treatment or prevention of
 CC such disorder associated with decreased expression or activity of human
 CC HTPL. Such disorders include disorders of testis, or adrenal, adult and
 CC foetal liver, bone marrow, brain, kidney, lung, placenta, prostate, are
 CC skeletal muscle or colon function. HTPL proteins and nucleic acids are
 CC clinically useful diagnostic markers and potential therapeutic agents for
 CC male infertility and cancer. The present oligonucleotide was used in an
 CC example from the invention

Sequence 17 BP; 4 A; 3 C; 6 G; 4 T; 0 U; 0 Other;

Query Match 3.9%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 7.9e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 796 CCAAGAGCTCTCTCC 811
 ||||| ||||| |||||
 Db 17 CCAAGATGTATCTCC 2

RESULT 1308
 ABV80736
 ID ABV80736 standard; DNA; 17 BP.
 XX
 AC ABV80736;
 XX
 DT 03-JAN-2003 (first entry)
 XX
 DE Human HTPL scanning oligonucleotide SEQ ID 1982.

```

XX Human; gene therapy; tumour suppressor; HTPL; chromosome 10p12.1;
KW human testis expressed Patched like protein; testis; adrenal; liver;
KW male germ cell development; bone marrow; brain; kidney; lung; placenta;
KW prostate; skeletal muscle; colon; male infertility; cancer; ss.
XX
XX Homo sapiens.
XX
XX EP1229046-A2.
XX
XX 07-AUG-2002.
XX
XX 28-JAN-2002; 2002EP-00001167.
XX
XX 30-JAN-2001; 2001WO-US000663.
XX 30-JAN-2001; 2001WO-US000664.
XX 30-JAN-2001; 2001WO-US000665.
XX 30-JAN-2001; 2001WO-US000666.
XX 30-JAN-2001; 2001WO-US000667.
XX 30-JAN-2001; 2001WO-US000668.
XX 23-MAY-2001; 2001US-00864761.
XX 09-OCT-2001; 2001US-0327898P.
XX
XX (AEOM-) AEOMICA INC.
XX
XX Zhan J;
XX
XX WPI; 2002-676582/73.
XX
XX Novel isolated human testis expressed Patched like protein (HTPL), useful
PT for identifying agonist and antagonist and specific binding partners, and
PT for treating subjects having defects in HTPL.
XX
XX Example 2; Page 323; 718pp; English.
XX
XX The present invention relates to human testis expressed Patched like
CC protein (HTPL, see ABV78759 to ABV78762 and AB98519 to AB98520). HTPL
CC has two isoforms, with a few single base pair differences between the
CC two. One of the single base pair changes introduces a premature stop
CC codon in HTPL-S (S for short) compared to HTPL-L (L for long). HTPL
CC shares an overall structure organisation with the Patched protein. The
CC shared structural features strongly imply that HTPL plays a role similar
CC to that of Patched, and is a potential tumour suppressor. HTPL is
CC important in regulating male germ cell development, and the HTPL gene was
CC mapped to human chromosome 10p12.1. HTPL and its coding sequence are
CC useful for diagnosing a disorder caused by mutation in HTPL, and in
CC therapy and manufacture of a medicament for treatment or prevention of
CC such disorder associated with decreased expression or activity of human
CC HTPL. Such disorders include disorders of testis, or adrenal, adult and
CC foetal liver, bone marrow, brain, kidney, lung, placenta, prostate,
CC skeletal muscle or colon function. HTPL proteins and nucleic acids are
CC clinically useful diagnostic markers and potential therapeutic agents for
CC male infertility and cancer. The present oligonucleotide was used in an
CC example from the invention
XX
XX Sequence 17 BP; 4 A; 5 C; 4 G; 4 T; 0 U; 0 Other;
XX
XX Query Match 3.9%; Score 11.2; DB 1; Length 17;
XX Best Local Similarity 81.3%; Pred. NO. 7.9e+02;
XX Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
XX
XX 966 GACTCTCTAAATCTGG 981
XX
XX 1 GACCTCGAATCTGG 16
XX
XX RESULT 1309
XX ABV79758/c
XX ID ABV79758 standard; DNA; 17 BP.
XX
XX AC ABV79758;
XX
XX 03-JAN-2003 (first entry)
XX

```

```

XX Human HTPL scanning oligonucleotide SEQ ID 1004.
XX
XX Human; gene therapy; tumour suppressor; HTPL; chromosome 10p12.1;
XX human testis expressed Patched like protein; testis; adrenal; liver;
KW male germ cell development; bone marrow; brain; kidney; lung; placenta;
KW prostate; skeletal muscle; colon; male infertility; cancer; ss.
XX
XX Homo sapiens.
XX
XX EP1229046-A2.
XX
XX 07-AUG-2002.
XX
XX 28-JAN-2002; 2002EP-00001167.
XX
XX 30-JAN-2001; 2001WO-US000663.
XX 30-JAN-2001; 2001WO-US000664.
XX 30-JAN-2001; 2001WO-US000665.
XX 30-JAN-2001; 2001WO-US000666.
XX 30-JAN-2001; 2001WO-US000667.
XX 30-JAN-2001; 2001WO-US000668.
XX 23-MAY-2001; 2001US-00864761.
XX 09-OCT-2001; 2001US-0327898P.
XX
XX (AEOM-) AEOMICA INC.
XX
XX Zhan J;
XX
XX WPI; 2002-676582/73.
XX
XX Novel isolated human testis expressed Patched like protein (HTPL), useful
PT for identifying agonist and antagonist and specific binding partners, and
PT for treating subjects having defects in HTPL.
XX
XX Example 2; Page 195; 718pp; English.
XX
XX The present invention relates to human testis expressed Patched like
CC protein (HTPL, see ABV78759 to ABV78762 and AB98519 to AB98520). HTPL
CC has two isoforms, with a few single base pair differences between the
CC two. One of the single base pair changes introduces a premature stop
CC codon in HTPL-S (S for short) compared to HTPL-L (L for long). HTPL
CC shares an overall structure organisation with the Patched protein. The
CC shared structural features strongly imply that HTPL plays a role similar
CC to that of Patched, and is a potential tumour suppressor. HTPL is
CC important in regulating male germ cell development, and the HTPL gene was
CC mapped to human chromosome 10p12.1. HTPL and its coding sequence are
CC useful for diagnosing a disorder caused by mutation in HTPL, and in
CC therapy and manufacture of a medicament for treatment or prevention of
CC such disorder associated with decreased expression or activity of human
CC HTPL. Such disorders include disorders of testis, or adrenal, adult and
CC foetal liver, bone marrow, brain, kidney, lung, placenta, prostate,
CC skeletal muscle or colon function. HTPL proteins and nucleic acids are
CC clinically useful diagnostic markers and potential therapeutic agents for
CC male infertility and cancer. The present oligonucleotide was used in an
CC example from the invention
XX
XX Sequence 17 BP; 4 A; 2 C; 7 G; 4 T; 0 U; 0 Other;
XX
XX Query Match 3.9%; Score 11.2; DB 1; Length 17;
XX Best Local Similarity 81.2%; Pred. NO. 7.9e+02;
XX Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
XX
XX 796 CCAAGAGCTCTCTCC 811
XX
XX 16 CCAAGATGATCTCTCC 1
XX
XX RESULT 1310
XX ABV80735
XX ID ABV80735 standard; DNA; 17 BP.
XX
XX AC ABV80735;
XX

```

X X
T T 03-JAN-2003 (first entry)
X X Human HTPL scanning oligonucleotide SEQ ID 1981.
E E
X X Human; gene therapy; tumour suppressor; HTPL; chromosome 10p12.1;
W W human testis expressed patched like protein; testis; adrenal; liver;
W W male germ cell development; bone marrow; brain; kidney; lung; placenta;
X X prostate; skeletal muscle; colon; male infertility; cancer; ss.
W W
X X Homo sapiens.
S S
X X EP1229046-A2.
N N
X X 07-AUG-2002.
D D
X X 28-JAN-2002; 2002EP-00001167.
F F
X X 30-JAN-2001; 2001WO-US000663.
X R 30-JAN-2001; 2001WO-US000664.
R R 30-JAN-2001; 2001WO-US000665.
R R 30-JAN-2001; 2001WO-US000667.
R R 30-JAN-2001; 2001WO-US000668.
R R 30-JAN-2001; 2001WO-US000669.
R R 23-MAY-2001; 2001US-00864761.
R R 03-OCT-2001; 2001US-0327898P.
X X (AEOM-) AEOMICA INC.
A A
X X Zhan J;
X X WPI; 2002-676582/73.
X X
T T Novel isolated human testis expressed Patched like protein (HTPL), useful
T T for identifying agonist and antagonist and specific binding partners, and
T T for treating subjects having defects in HTPL.
X X
X X Example 2; Page 323; 718pp; English.

The present invention relates to human testis expressed Patched like protein (HTPL, see ABV78759 to ABV78762 and ABG98519 to ABG98520). HTPL has two isoforms, with a few single base pair differences between the two. One of the single base pair changes introduces a premature stop codon in HTPL-S (S for short) compared to HTPL-L (L for long). HTPL shares an overall structure organisation with the Patched protein. The shared structural features strongly imply that HTPL plays a role similar to that of Patched, and is a potential tumour suppressor. HTPL is important in regulating male germ cell development, and the HTPL gene was mapped to human chromosome 10p12.1. HTPL and its coding sequence are useful for diagnosing a disorder caused by mutation in HTPL, and in therapy and manufacture of a medicament for treatment or prevention of such disorder associated with decreased expression or activity of human HTPL. Such disorders include disorders of testis, or adrenal, adult and foetal liver, bone marrow, brain, kidney, lung, placenta, prostate, skeletal muscle or colon function. HTPL proteins and nucleic acids are clinically useful diagnostic markers and potential therapeutic agents for male infertility and cancer. The present oligonucleotide was used in an example from the invention

Sequence 17 BP; 5 A; 4 C; 4 G; 4 T; 0 U; 0 Other;

Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.9e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0

Dy 966 GACTCTCTAAATCGG 981
||| ||| ||| |||
db 2 GACCTTCGAATCTGG 17

ABV80324
ID ABV80324 standard. DNA: 17 BP.

```
ABN97628/c
ID ABN97628 standard; cDNA; 17 BP.
XX
XX AC ABN97628;
XX
XX DT 30-JUL-2002 (first entry)
XX
XX DE Human NEDD-1 scanning 17-mer sequence #138.
XX
XX KW NEDD-1; cytostatic; human; ss.
XX
XX OS Homo sapiens.
XX
XX PN WO200226818-A2.
XX
XX PD 04-APR-2002.
XX
XX PF 26-SEP-2001; 2001WO-US030287.
XX
XX PR 27-SEP-2000; 2000US-0236359P.
XX
XX PR 30-JAN-2001; 2001WO-US000661.
XX
XX PR 30-JAN-2001; 2001WO-US000662.
XX
XX PR 30-JAN-2001; 2001WO-US000663.
XX
XX PR 30-JAN-2001; 2001WO-US000664.
XX
XX PR 30-JAN-2001; 2001WO-US000665.
XX
XX PR 30-JAN-2001; 2001WO-US000666.
XX
XX PR 30-JAN-2001; 2001WO-US000667.
XX
XX PR 30-JAN-2001; 2001WO-US000668.
XX
XX PR 30-JAN-2001; 2001WO-US000669.
XX
XX PR 01-JUN-2001; 2001US-00872462.
XX
XX PA (AEOM-) AEOMICA INT.
XX
XX PI Gu Y, Corrigan A;
XX
XX DR WPI; 2002-426011/45.
XX
XX PT Polynucleotide and polypeptide of human NEDD-1 useful for diagnosing,
XX PT treating or preventing a disorder associated with decreased or increased
XX PT expression or activity of the polypeptide.
XX
XX PS Example 4; Page 149; 190pp; English.
XX
XX CC This invention relates to an isolated polynucleotide encoding human NEDD-
XX CC 1, which is cytostatic in its action. The polynucleotide is useful for
XX CC diagnosing diseases caused by mutation in human NEDD-1, and for
XX CC diagnosing or monitoring diseases caused by altered expression of human
XX CC NEDD-1. Fragments of NEDD-1 are useful as hybridisation probes and
XX CC primers, and to direct expression or synthesis of epitopic or immunogenic
XX CC protein fragments. The proteins are useful as therapeutic supplement in
XX CC patients with specific deficiency in human NEDD-1 production, and for
XX CC treating subjects preferably with defects in NEDD-1. The present sequence
XX CC is a nucleotide sequence related to human NEDD-1
XX
XX SQ Sequence 17 BP; 3 A; 4 C; 5 G; 5 T; 0 U; 0 Other;
XX
XX Query Match 3.9%; Score 11.2; DB 1; Length 17;
XX Best Local Similarity 81.2%; Pred. No. 7.9e+02;
XX Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
XX
XX QY 955 AGAGCCCAATTGACT 970
XX
XX DB 17 ATAGCCCAAGTGGCTC 2
XX
XX RESULT 1313
XX ABN97630/c
XX ID ABN97630 standard; cDNA; 17 BP.
XX
XX AC ABN97630;
XX
XX DT 30-JUL-2002 (first entry)
XX
XX DE Human NEDD-1 scanning 17-mer sequence #140.
XX
XX KW NEDD-1; cytostatic; human; ss.
XX
XX OS Homo sapiens.
XX
XX PN WO200226818-A2.
XX
XX PD 04-APR-2002.
XX
XX PF 26-SEP-2001; 2001WO-US030287.
XX
XX PR 27-SEP-2000; 2000US-0236359P.
XX
XX PR 30-JAN-2001; 2001WO-US000661.
XX
XX PR 30-JAN-2001; 2001WO-US000662.
XX
XX PR 30-JAN-2001; 2001WO-US000663.
XX
XX PR 30-JAN-2001; 2001WO-US000664.
XX
XX PR 30-JAN-2001; 2001WO-US000665.
XX
XX PR 30-JAN-2001; 2001WO-US000666.
XX
XX PR 30-JAN-2001; 2001WO-US000667.
XX
XX PR 30-JAN-2001; 2001WO-US000668.
XX
XX PR 30-JAN-2001; 2001WO-US000669.
XX
XX PR 01-JUN-2001; 2001US-00872462.
XX
XX PA (AEOM-) AEOMICA INT.
XX
XX PI Gu Y, Corrigan A;
XX
XX DR WPI; 2002-426011/45.
XX
XX PT Polynucleotide and polypeptide of human NEDD-1 useful for diagnosing,
XX PT treating or preventing a disorder associated with decreased or increased
XX PT expression or activity of the polypeptide.
XX
XX PS Example 4; Page 150; 190pp; English.
XX
XX CC This invention relates to an isolated polynucleotide encoding human NEDD-
XX CC 1, which is cytostatic in its action. The polynucleotide is useful for
XX CC diagnosing diseases caused by mutation in human NEDD-1, and for
XX CC diagnosing or monitoring diseases caused by altered expression of human
XX CC NEDD-1. Fragments of NEDD-1 are useful as hybridisation probes and
XX CC primers, and to direct expression or synthesis of epitopic or immunogenic
XX CC protein fragments. The proteins are useful as therapeutic supplement in
XX CC patients with specific deficiency in human NEDD-1 production, and for
XX CC treating subjects preferably with defects in NEDD-1. The present sequence
XX CC is a nucleotide sequence related to human NEDD-1
XX
XX SQ Sequence 17 BP; 3 A; 4 C; 5 G; 5 T; 0 U; 0 Other;
XX
XX Query Match 3.9%; Score 11.2; DB 1; Length 17;
XX Best Local Similarity 81.2%; Pred. No. 7.9e+02;
XX Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
XX
XX QY 954 AAGAGCCCAATTGACT 969
XX
XX DB 16 AATAGCCCAAGTGGCT 1
XX
XX RESULT 1314
XX ABQ99669
XX ID ABQ99669 standard; DNA; 17 BP.
XX
XX AC ABQ99669;
XX
XX DT 08-NOV-2002 (first entry)
XX
XX DE Murine Ikbkap exon 9 acceptor site.
XX
XX KW Murine; IKBKAP; Familial Dysautonomia; FD; Riley-Day syndrome; ds;
XX KW Hereditary Sensory and Autonomic Neuropathy Type III; carrier screening.
XX
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| | |
|---|----|
| Sturge Weber syndrome; Kippel-Trenaunay-Weber syndrome; leukaemia; ss; Osler-Weber-rendu syndrome, leukaemia, osteoporosis; DNazyme; inozyme; ambrzyme. | XX |
| Homo sapiens. | XX |
| WO2001188124-A2. | XX |
| 22-NOV-2001. | XX |
| 16-MAY-2001; 2001WO-US015866. | XX |
| 16-MAY-2000; 2000US-00572021. | XX |
| (RIBO-) RIBOZYME PHARM INC. (GLAX) GLAXO GROUP LTD. | XX |
| Jarvis T, Von Carlowitz I, Mowswigen JA, McLaughlin F, Randi AM; WPI; 2002-082995/11. | XX |
| Novel polynucleotide which down regulates expression of Ets-related gene, useful for treating cancer, diabetic retinopathy, macular degeneration, arthritis, psoriasis, verruca vulgaris and Sturge Weber syndrome. | XX |
| Claim 4; Page 127; 149pp; English. | XX |
| The invention relates to a nucleic acid molecule (I) which down regulates expression of an Ets-related gene (ERG). (I) is useful for treating conditions selected from cancer lymphoma, Ewing's sarcoma, melanoma, tumour angiogenesis, diabetic retinopathy, macular degeneration, neovascular glaucoma, myopic degeneration, arthritis, psoriasis, verruca vulgaris, angiofibroma of tubercous sclerosis, port-wine stains, Sturge Weber syndrome, Kippel-Trenaunay-Weber syndrome, Osler-Weber-rendu syndrome, leukaemia, osteoporosis and wound healing. (I) is useful for treating a patient having a condition associated with the level of ERG, by contacting cells of the patient with (I) under conditions suitable for the treatment. The method comprises the use of one or more therapies under conditions suitable for the treatment. Leukaemia or tumour angiogenesis is treated by administering (I) to the patient in conjunction with one or more of other therapies such as radiation or chemotherapy treatment. (I) is useful for reducing ERG activity in a cell, by contacting the cell with (I). (I) is useful for cleaving RNA of ERG gene, by contacting (I) with RNA, in the presence of a divalent cation such as Mg2+. (I) is useful for diagnosis of conditions and diseases related to the expression of ERG, and as diagnostic tool to examine genetic drift and mutations within diseased cells or to detect the presence of ERG RNA in a cell. (I) is useful for specifically targeting genes that share homology with ERG gene or ERG fusion genes. ABK17354-ABK22719 represent nucleic acids, including antisense and enzymatic nucleic acid molecules which regulate expression of ERG, and related PCR primers of the invention | XX |
| Sequence 17 BP; 5 A; 3 C; 7 G; 0 T; 2 U; 0 Other; | XX |
| Query Match 3.9%; Score 11.2; DB 1; Length 17; Best Local Similarity 68.8%; Pred. No. 7.9e+02; Matches 11; Conservative 2; Mismatches 3; Indels 0; Gaps 0 | XX |
| QY 716 AGGAGATGACTCTGG 731 : 1 ACGAGAGACUGUGG 16 | XX |
| RESULT 1316 ABK19044 ID ABK19044 standard; RNA; 17 BP. XX AC ABK19044; XX DT 09-APR-2002 (first entry) XX DE Human ERG DNazyme target sequence Seq ID No 1691. | XX |

Mus sp.
WO200259381-A2.
01-AUG-2002.
07-JAN-2002; 2002WO-US000473.
06-JAN-2001; 2001US-0260080P.
(GEO) GEN HOSPITAL CORP.
Slaugenhaupt S, Gusella JF;
WPI; 2002-674806/72.
New IKBKAP genes with mutations, useful for identifying a subject with familial dysautonomia (FD), or for rapid carrier screening in the Ashkenazi Jewish population, e.g. screening presymptomatic homozygotes or prenatal diagnosis.
Disclosure; Fig 11; 109pp; English.
The present invention relates to methods and compositions useful for detecting mutations which cause Familial Dysautonomia (FD, Riley-Day syndrome, Hereditary Sensory and Autonomic Neuropathy Type III) [OMIM 223900]. It was found that mutations in the IKBKAP gene (see ABQ80565) are associated with FD. The mutation associated with the major haplotype of FD, FDI mutation, is a base pair (bp) mutation, where the thymine nucleotide located at bp 6 of intron 20 in the IKBKAP gene is replaced with a cytosine. This results in skipping of exon 20 in the mRNA from FD patients, although they continue to express varying levels of wild-type message in a tissue-specific manner. The mutation associated with the minor haplotype, FD2 mutation, is a bp mutation, where the guanine nucleotide at bp 2397 (bp 73 of exon 19) is replaced with a cytosine. This bp mutation causes an arginine to proline missense mutation (R696P) in the IKBKAP protein, which is predicted to disrupt a potential phosphorylation site. The IKBKAP nucleic acid sequences are useful for identifying a subject with FD and for rapid carrier screening. The IKBKAP gene maps to chromosome 9q31. A mouse model of FD was created in an example from the invention. Expression of murine Ikbkap was examined using both mouse embryo and adult mouse multiple tissue Northern blots. The blots were probed with a 1045bp PCR fragment that contains exons 2 through 11, which was generated using PCR primers ABQ80563-ABQ80564. ABQ99662-ABQ99733 are the murine Ikbkap exon and intron boundaries
Sequence 17 BP; 3 A; 4 C; 4 G; 6 T; 0 U; 0 Other;

Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred.No. 7.9e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 900 AGCTTCGCGATCAGA 915
||| ||||| |||||
1 AGGTTCGCTTTCAGA 16

Db
RESULT 1315
ABX19360
ID ABK19360 standard; RNA; 17 BP.
AC ABK19360;
XX
DT
DE DE
DE DE
XX XX
XX Human ERG Amberzyme target sequence Seq ID No 2007.
Human; hammerhead ribozyme; cytostatic; antitumour; antidiabetic;
ophthalmological; antiarthritic; antiporiatic; virucide; osteopathic;
vulneray; cancer; lymphoma; Ewing's sarcoma; melanoma; psoriasis;
tumour angiogenesis; diabetic retinopathy; macular degeneration;
neovascular glaucoma; myopic degeneration; arthritis; verruca vulgaris;
angioblastoma of tuberous sclerosis; port-wine stain; wound healing;
XX

XX Human; hammerhead ribozyme; cytostatic; antitumour; antidiabetic;
 KW ophthalmological; antiarthritic; antipsoriatic; virucide; osteopathic;
 KW tumour angiogenesis; lymphoma; Ewing's sarcoma; melanoma; psoriasis;
 KW neovascular glaucoma; myopic degeneration; arthritis; verruca vulgaris;
 KW angiofibroma of tuberosus scleriosis; port-wine stain; wound healing;
 KW Sturge Weber syndrome; Kippel-Trenaunay-Weber syndrome; leukaemia; ss;
 KW Osler-Weber-rendu syndrome; leukaemia; osteoporosis; DNazyme; inozyme;
 KW amberzyme.
 XX Homo sapiens.
 OS WO200188124-A2.
 FN 22-NOV-2001.
 PD 16-MAY-2001; 2001WO-US015866.
 XX 16-MAY-2000; 2000US-00572021.
 XX (RIBO-) RIBOZYME PHARM INC.
 PA (GLAX) GLAXO GROUP LTD.
 XX Jarvis T, Von Carlowitz I, Mcswiggen JA, McLaughlin F, Randi AM;
 PI WPI; 2002-082995/11.
 DR Novel polynucleotide which down regulates expression of Ets-related gene,
 PT useful for treating cancer, diabetic retinopathy, macular degeneration,
 PT arthritis, psoriasis, verruca vulgaris and Sturge Weber syndrome.
 XX Claim 4; Page 107; 149pp; English.
 PS The invention relates to a nucleic acid molecule (I) which down regulates
 CC expression of an Ets-related gene (ERG). (I) is useful for treating
 CC conditions selected from cancer, lymphoma, Ewing's sarcoma, melanoma,
 CC tumour angiogenesis, diabetic retinopathy, macular degeneration,
 CC neovascular glaucoma, myopic degeneration, arthritis, psoriasis, verruca
 CC vulgaris, angiobroma of tuberosus scleriosis, port-wine stains, Sturge
 CC Weber syndrome, Kippel-Trenaunay-Weber syndrome, Osler-Weber-rendu
 CC syndrome, leukaemia, osteoporosis and wound healing. (I) is useful for
 CC treating a patient having a condition associated with the level of ERG,
 CC by contacting cells of the patient with (I) under conditions suitable for
 CC the treatment. The method comprises the use of one or more therapies
 CC under conditions suitable for the treatment. Leukaemia or tumour
 CC angiogenesis is treated by administering (I) to the patient in
 CC conjunction with one or more of other therapies such as radiation or
 CC chemotherapy treatment. (I) is useful for reducing ERG activity in a
 CC cell, by contacting the cell with (I). (I) is useful for cleaving RNA of
 CC ERG gene, by contacting (I) with RNA, in the presence of a divalent
 CC cation such as Mg2+. (I) is useful for diagnosis of conditions and
 CC diseases related to the expression of ERG, and as diagnostic tool to
 CC examine genetic drift and mutations within diseased cells or to detect
 CC the presence of ERG RNA in a cell. (I) is useful for specifically
 CC targeting genes that share homology with ERG gene or ERG fusion genes.
 CC ABK17354-ABK22719 represent nucleic acids, including antisense and
 CC enzymatic nucleic acid molecules which regulate expression of ERG, and
 CC related PCR primers of the invention
 XX Sequence 17 BP; 4 A; 4 C; 7 G; 0 T; 2 U; 0 Other;
 SQ Query Match 3.9%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 68.8%; Pred. No. 7.9e+02;
 Matches 11; Conservative 2; Mismatches 3; Indels 0; Gaps 0;
 QY 718 GAGAGTGACTCTGGTC 733
 DB ||||| ||||| :|||
 2 GAGAGACUGUGGCC 17
 RESULT 1317
 ABK19359

ID ABK19359 standard; RNA; 17 BP.
 XX AC ABK19359;
 XX DT 09-APR-2002 (first entry)
 XX DE Human ERG Amberzyme target sequence Seq ID No 2006.
 XX KW Human; hammerhead ribozyme; cytostatic; antitumour; antidiabetic;
 KW ophthalmological; antiarthritic; antipsoriatic; virucide; osteopathic;
 KW tumour angiogenesis; lymphoma; Ewing's sarcoma; melanoma; psoriasis;
 KW neovascular glaucoma; myopic degeneration; arthritis; verruca vulgaris;
 KW angiobroma of tuberosus scleriosis; port-wine stain; wound healing;
 KW Sturge Weber syndrome; Kippel-Trenaunay-Weber syndrome; leukaemia; ss;
 KW Osler-Weber-rendu syndrome; leukaemia; osteoporosis; DNazyme; inozyme;
 KW amberzyme.
 XX Homo sapiens.
 OS WO200188124-A2.
 FN 22-NOV-2001.
 PD 16-MAY-2001; 2001WO-US015866.
 XX 16-MAY-2000; 2000US-00572021.
 XX (RIBO-) RIBOZYME PHARM INC.
 PA (GLAX) GLAXO GROUP LTD.
 XX Jarvis T, Von Carlowitz I, Mcswiggen JA, McLaughlin F, Randi AM;
 PI WPI; 2002-082995/11.
 DR Novel polynucleotide which down regulates expression of Ets-related gene,
 PT useful for treating cancer, diabetic retinopathy, macular degeneration,
 PT arthritis, psoriasis, verruca vulgaris and Sturge Weber syndrome.
 XX Claim 4; Page 126; 149pp; English.
 PS The invention relates to a nucleic acid molecule (I) which down regulates
 CC expression of an Ets-related gene (ERG). (I) is useful for treating
 CC conditions selected from cancer, lymphoma, Ewing's sarcoma, melanoma,
 CC tumour angiogenesis, diabetic retinopathy, macular degeneration,
 CC neovascular glaucoma, myopic degeneration, arthritis, psoriasis, verruca
 CC vulgaris, angiobroma of tuberosus scleriosis, port-wine stains, Sturge
 CC Weber syndrome, Kippel-Trenaunay-Weber syndrome, Osler-Weber-rendu
 CC syndrome, leukaemia, osteoporosis and wound healing. (I) is useful for
 CC treating a patient having a condition associated with the level of ERG,
 CC by contacting cells of the patient with (I) under conditions suitable for
 CC the treatment. The method comprises the use of one or more therapies
 CC under conditions suitable for the treatment. Leukaemia or tumour
 CC angiogenesis is treated by administering (I) to the patient in
 CC conjunction with one or more of other therapies such as radiation or
 CC chemotherapy treatment. (I) is useful for reducing ERG activity in a
 CC cell, by contacting the cell with (I). (I) is useful for cleaving RNA of
 CC ERG gene, by contacting (I) with RNA, in the presence of a divalent
 CC cation such as Mg2+. (I) is useful for diagnosis of conditions and
 CC diseases related to the expression of ERG, and as diagnostic tool to
 CC examine genetic drift and mutations within diseased cells or to detect
 CC the presence of ERG RNA in a cell. (I) is useful for specifically
 CC targeting genes that share homology with ERG gene or ERG fusion genes.
 CC ABK17354-ABK22719 represent nucleic acids, including antisense and
 CC enzymatic nucleic acid molecules which regulate expression of ERG, and
 CC related PCR primers of the invention
 XX Sequence 17 BP; 6 A; 3 C; 6 G; 0 T; 2 U; 0 Other;
 SQ Query Match 3.9%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 68.8%; Pred. No. 7.9e+02;
 Matches 11; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 715 CAGGAGAGTGAAGTCTG 730
DB 2 CAGGAGAGACUGUG 17

RESULT 1318
ABK30180/C
ID ABK30180 standard; DNA; 17 BP.
XX
AC ABK30180;
XX
DT 23-APR-2002 (first entry)
XX
DE CYP2D6 gene polymorphism detection primer #19.
XX
KW Human; CYP2D6; primer; single nucleotide polymorphism detection; SNP; ss.
XX
OS Homo sapiens.
OS Synthetic.
XX
PN WO200196604-A2.
XX
XX 20-DEC-2001.
XX
XX 11-JUN-2001; 2001WO-US018912.
XX
XX 12-JUN-2000; 2000US-0210988P.
XX
XX (GENI-) GENICON SCI CORP.
XX
PI Bee G, Kohne DE, Korb L, Peterson T, Yguerabide J;
XX
XX WPI; 2002-130745/17.
XX
XX Determining the presence of a CYP2D6 target sequence in a DNA sample
XX containing CYP2D6 nucleic acid, for detecting mutations or polymorphisms,
XX comprises detecting the scattered light from a particle bound to the
XX target sequence.
XX
XX Example 2; Fig 6; 66pp; English.
XX
XX The invention relates to a method of determining the presence or absence
XX of a CYP2D6 target sequence in a DNA sample containing CYP2D6 nucleic
XX acid. Determining the presence or absence of a CYP2D6 target sequence in
XX a sample of DNA containing CYP2D6 nucleic acid comprises contacting the
XX nucleic acid with a probe under stringent binding conditions, and
XX detecting the presence or absence of the target sequence bound with the
XX probe with a scattered light detectable particle, by observing light
XX scattered from the particle which indicates the presence or absence of
XX sequence. The method is useful for determining the presence or absence of
XX particular single nucleotide polymorphisms or alleles in genomic nucleic
XX acid, especially in a pharmacogenetically relevant gene or genes in a DNA
XX sample, and to detect and measure one or more target sequences in a
XX sample. The method may also be used to detect specific mutations to
XX identify the phenotypic classification of an individual. ABK30162-
XX ABK30230 represent CYP2D6 target sequence-specific primers of the
XX invention
XX
XX Sequence 17 BP; 1 A; 2 C; 10 G; 4 T; 0 U; 0 Other;

Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.9e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 920 CATCACCCACCCCTC 935
DB 16 CAGACCCCCACCCCTC 1

RESULT 1319
ABK30180/C
ID ABK30180 standard; DNA; 17 BP.
XX

AC ABS74899;
XX
DT 24-DEC-2002 (first entry)
XX
DE Human PAPP-Ea associated 17-mer SEQ ID 425.
XX
KW PAPP-E; human; pregnancy associated plasma protein E; abortive;
XX contraceptive; gene therapy; vaccine; pregnancy; antenatal; diagnosis;
XX dysgenetic pregnancy; primer; ss.
XX
OS Homo sapiens.
XX
XX US2002102252-A1.
XX
XX 01-AUG-2002.
XX
XX 06-APR-2001; 2001US-00827998.
XX
XX 26-MAY-2000; 2000US-0207456P.
XX
XX (GUYY/) GU Y.
XX (SHAN/) SHANNON M E.
XX
XX Gu Y, Shannon ME;
XX
XX WPI; 2002-697817/75.
XX
XX New isolated nucleic acid encoding an isoform of human pregnancy
XX associated plasma protein E, for preventing or aborting pregnancy.
XX
XX Example 2; Page 131; 353pp; English.
XX
XX This invention describes a novel isolated nucleic acid that encodes one
XX of three new isoforms of human pregnancy associated plasma protein E,
XX hPAPP-E. The products of the invention have abortive and contraceptive
XX activity and can be used for gene therapy or in a vaccine. The nucleic
XX acid, polypeptide encoded by it, or antibody to the polypeptide can be
XX used in pharmaceutical compositions or vaccines for preventing or
XX aborting pregnancy. PAPP-E is used in the antenatal diagnosis of
XX dysgenetic pregnancies. The nucleic acids are used as probes to assess
XX the level of PAPP-E isoform mRNA in chorionic villus samples, and the
XX antibodies can be used to assess the expression levels of PAPP-E isoform
XX proteins in chorionic villus samples, to diagnose dysgenetic pregnancies
XX antenatally. This sequence represents an oligomer used in scanning the
XX human PAPP-E genes described in the disclosure of the invention
XX
XX Sequence 17 BP; 0 A; 5 C; 4 G; 8 T; 0 U; 0 Other;

Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.9e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 825 CTGTGCTCTTTCTTT 840
DB 2 CTGTGGGTCTTCTCTT 17

RESULT 1320
ABS74902
ID ABS74902 standard; DNA; 17 BP.
XX
AC ABS74902;
XX
DT 24-DEC-2002 (first entry)
XX
DE Human PAPP-Ea associated 17-mer SEQ ID 428.
XX
KW PAPP-E; human; pregnancy associated plasma protein E; abortive;
XX contraceptive; gene therapy; vaccine; pregnancy; antenatal; diagnosis;
XX dysgenetic pregnancy; primer; ss.
XX
OS Homo sapiens.
XX

CC acid, polypeptide encoded by it, or antibody to the polypeptide can be
CC used in pharmaceutical compositions or vaccines for preventing or
CC aborting pregnancy. PAPP-E is used in the antenatal diagnosis of
CC dysgenetic pregnancies. The nucleic acids are used as probes to assess
CC the level of PAPP-E isoform mRNA in chorionic villus samples, and the
CC antibodies can be used to assess the expression levels of PAPP-E isoform
CC proteins in chorionic villus samples, to diagnose dysgenetic pregnancies
CC antenatally. This sequence represents an oligomer used in scanning the
CC human PAPP-E genes described in the disclosure of the invention
XX
SQ Sequence 17 BP; 8 A; 3 C; 3 G; 3 T; 0 U; 0 Other;

Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.9e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 951 AAGAGAGCCCAATTG 956
Db 1 AAGAGCATCAATTG 16

RESULT 1323
ABV90000
ID ABV90000 standard; DNA; 17 BP.
XX
AC ABV90000;
XX
DT 23-DEC-2002 (first entry)
XX
DE Human POSHL1 scanning oligonucleotide SEQ ID NO 713.
XX
KW Human; POSHL 1; SH3 domain; POSH-like signalling protein 1; oncogene;
KW Rho GTPase; signal transduction; gene expression; cancer; vaccine;
KW gene therapy; transgenic; ss.
XX
OS Homo sapiens.
XX
PN EP1239051-A2.
XX
PD 11-SEP-2002.
XX
PF 28-JAN-2002; 2002EP-00001165.
XX
PR 30-JAN-2001; 2001WO-US000663.
PR 30-JAN-2001; 2001WO-US000664.
PR 30-JAN-2001; 2001WO-US000665.
PR 30-JAN-2001; 2001WO-US000666.
PR 30-JAN-2001; 2001WO-US000667.
PR 30-JAN-2001; 2001WO-US000668.
PR 30-JAN-2001; 2001WO-US000669.
PR 30-JAN-2001; 2001WO-US000670.
PR 23-MAY-2001; 2001US-00864761.
PR 10-OCT-2001; 2001US-0328205P.
XX
PA (AEOM-) AEOMICA INC.
XX
PI Shannon M;
XX
DR WPI; 2002-684061/74.
XX
PT Novel human SH3 domain (POSH)-like signalling protein 1 polypeptide, POSHL
PT -1, useful for treating disorders associated with decreased expression or
PT activity of human POSHL1.
XX
PS Example 2; SEQ ID NO 713; 60pp + Sequence Listing; English.
XX
CC The invention relates to an isolated SH3 domain (POSH)-like signalling
CC protein 1 (POSHL 1) polypeptide (I), comprising a sequence of 730 amino
CC acids (S1, ABB83999), a sequence having 65% sequence identity to (S1),
CC (S1) having 95% deviations, especially conservative substitutions or a
CC fragment of the sequences comprising at least 8 contiguous amino acids.
CC Human POSHL 1 is a proto-oncogene/oncogene product that functions as an
CC adaptor protein that interacts with Rho family small GTPases as well as

CC downstream components of the signal transduction pathway. (I) is useful
CC for identifying a specific binding partner. (I) and nucleic acids (II)
CC encoding (I) are useful for diagnosing monitoring disease and treating
CC caused by altered expression of human POSHL1 including diagnosing and
CC treating cancer, they useful in the development of vaccines and (II) is
CC useful in gene therapy. (II) is useful for constructing microarrays which
CC are useful for measuring and for surveying gene expression and creating
CC transgenic non-human animals capable of producing the proteins. The
CC present sequence is that of a scanning oligonucleotide useful in examples
CC of the invention. Note: The present sequence did not form part of the
CC printed specification, but is based on sequence information supplied to
CC Derwent by the European Patent Office
XX
SQ Sequence 17 BP; 4 A; 6 C; 3 G; 4 T; 0 U; 0 Other;

Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.9e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 836 TTCTTCTCTGAAGACA 851
Db 2 TCCTTCTCCGAGACA 17

RESULT 1324
ABV90398
ID ABV90398 standard; DNA; 17 BP.
XX
AC ABV90398;
XX
DT 23-DEC-2002 (first entry)
XX
DE Human POSHL1 scanning oligonucleotide SEQ ID NO 1111.
XX
KW Human; POSHL 1; SH3 domain; POSH-like signalling protein 1; oncogene;
KW Rho GTPase; signal transduction; gene expression; cancer; vaccine;
KW gene therapy; transgenic; ss.
XX
OS Homo sapiens.
XX
PN EP1239051-A2.
XX
PD 11-SEP-2002.
XX
PF 28-JAN-2002; 2002EP-00001165.
XX
PR 30-JAN-2001; 2001WO-US000663.
PR 30-JAN-2001; 2001WO-US000664.
PR 30-JAN-2001; 2001WO-US000665.
PR 30-JAN-2001; 2001WO-US000666.
PR 30-JAN-2001; 2001WO-US000667.
PR 30-JAN-2001; 2001WO-US000668.
PR 30-JAN-2001; 2001WO-US000669.
PR 30-JAN-2001; 2001WO-US000670.
PR 23-MAY-2001; 2001US-00864761.
PR 10-OCT-2001; 2001US-0328205P.
XX
PA (AEOM-) AEOMICA INC.
XX
PI Shannon M;
XX
DR WPI; 2002-684061/74.
XX
PT Novel human SH3 domain (POSH)-like signalling protein 1 polypeptide, POSHL
PT -1, useful for treating disorders associated with decreased expression or
PT activity of human POSHL1.
XX
PS Example 2; SEQ ID NO 1111; 60pp + Sequence Listing; English.
XX
CC The invention relates to an isolated SH3 domain (POSH)-like signalling
CC protein 1 (POSHL 1) polypeptide (I), comprising a sequence of 730 amino
CC acids (S1, ABB83999), a sequence having 65% sequence identity to (S1),
CC (S1) having 95% deviations, especially conservative substitutions or a
CC fragment of the sequences comprising at least 8 contiguous amino acids.
CC Human POSHL 1 is a proto-oncogene/oncogene product that functions as an
CC adaptor protein that interacts with Rho family small GTPases as well as

PS Example 2; SEQ ID NO 1946; 60pp + Sequence Listing; English.
XX
CC The invention relates to an isolated SH3 domain (POSH)-like signalling
CC protein 1 (POSHL 1) polypeptide (I), comprising a sequence of 730 amino
CC acids (SI, ABB83999), a sequence having 65% sequence identity to (SI),
CC (SI) having 95% deviations, especially conservative substitutions or a
CC fragment of the sequences comprising at least 8 contiguous amino acids.
CC Human POSHL 1 is a proto-oncogene/oncogene product that functions as an
CC adaptor protein that interacts with Rho family small GTPases as well as
CC downstream components of the signal transduction pathway. (I) is useful
CC for identifying a specific binding partner. (I) and nucleic acids (II)
CC encoding (I) are useful for diagnosing, monitoring disease and treating
CC caused by altered expression of human POSHL1 including diagnosing and
CC treating cancer, they are useful in the development of vaccines and (II) is
CC useful in gene therapy. (II) is useful for constructing microarrays which
CC are useful for measuring and for surveying gene expression and creating
CC transgenic non-human animals capable of producing the proteins. The
CC present sequence is that of a scanning oligonucleotide useful in examples
CC of the invention. Note: The present sequence did not form part of the
CC printed specification, but is based on sequence information supplied to
CC Derwent by the European Patent Office
XX
SQ Sequence 17 BP; 1 A; 6 C; 6 G; 4 T; 0 U; 0 Other;
Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.9e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 766 CCTCCACTTCTCAGGG 781
Db 16 CCACACGCGCTGAGG 1
RESULT 1327
ABV91036/c
ID ABV91036 standard; DNA; 17 BP.
XX AC ABV91036;
XX
DT 23-DEC-2002 (first entry)
XX
DE Human POSHL1 scanning oligonucleotide SEQ ID NO 1749.
XX
KW Human; POSHL 1; SH3 domain; POSH-like signalling protein 1; oncogene;
KW Rho GTPase; signal transduction; gene expression; cancer; vaccine;
KW gene therapy; transgenic; ss.
XX
OS Homo sapiens.
XX
PN EP1239051-A2.
XX
PD 11-SEP-2002.
XX
PF 28-JAN-2002; 2002EP-00001165.
XX
PR 30-JAN-2001; 2001WO-US000663.
PR 30-JAN-2001; 2001WO-US000664.
PR 30-JAN-2001; 2001WO-US000665.
PR 30-JAN-2001; 2001WO-US000666.
PR 30-JAN-2001; 2001WO-US000667.
PR 30-JAN-2001; 2001WO-US000668.
PR 30-JAN-2001; 2001WO-US000669.
PR 30-JAN-2001; 2001WO-US000670.
PR 23-MAY-2001; 2001US-00864761.
PR 10-OCT-2001; 2001US-0328205P.
XX
PA (AEOM-) AEOMICA INC.
XX
PI Shannon M;
XX
DR WPI; 2002-684061/74.
XX
XX Novel human SH3 domain (POSH)-like signalling protein 1 polypeptide, POSHL
PT

PT -1, useful for treating disorders associated with decreased expression or
PT activity of human POSHL1.
XX
XX Example 2; SEQ ID NO 1749; 60pp + Sequence Listing; English.
XX
CC The invention relates to an isolated SH3 domain (POSH)-like signalling
CC protein 1 (POSHL 1) polypeptide (I), comprising a sequence of 730 amino
CC acids (SI, ABB83999), a sequence having 65% sequence identity to (SI),
CC (SI) having 95% deviations, especially conservative substitutions or a
CC fragment of the sequences comprising at least 8 contiguous amino acids.
CC Human POSHL 1 is a proto-oncogene/oncogene product that functions as an
CC adaptor protein that interacts with Rho family small GTPases as well as
CC downstream components of the signal transduction pathway. (I) is useful
CC for identifying a specific binding partner. (I) and nucleic acids (II)
CC encoding (I) are useful for diagnosing, monitoring disease and treating
CC caused by altered expression of human POSHL1 including diagnosing and
CC treating cancer, they are useful in the development of vaccines and (II) is
CC useful in gene therapy. (II) is useful for constructing microarrays which
CC are useful for measuring and for surveying gene expression and creating
CC transgenic non-human animals capable of producing the proteins. The
CC present sequence is that of a scanning oligonucleotide useful in examples
CC of the invention. Note: The present sequence did not form part of the
CC printed specification, but is based on sequence information supplied to
CC Derwent by the European Patent Office
XX
SQ Sequence 17 BP; 2 A; 7 C; 7 G; 1 T; 0 U; 0 Other;
Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.9e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 814 CTCAGGTTGCGTGTG 829
Db 17 CCCAGGCGCGCTGTG 2
RESULT 1328
ABV91232/c
ID ABV91232 standard; DNA; 17 BP.
XX AC ABV91232;
XX
DT 23-DEC-2002 (first entry)
XX
DE Human POSHL1 scanning oligonucleotide SEQ ID NO 1945.
XX
KW Human; POSHL 1; SH3 domain; POSH-like signalling protein 1; oncogene;
KW Rho GTPase; signal transduction; gene expression; cancer; vaccine;
KW gene therapy; transgenic; ss.
XX
OS Homo sapiens.
XX
PN EP1239051-A2.
XX
PD 11-SEP-2002.
XX
PF 28-JAN-2002; 2002EP-00001165.
XX
PR 30-JAN-2001; 2001WO-US000663.
PR 30-JAN-2001; 2001WO-US000664.
PR 30-JAN-2001; 2001WO-US000665.
PR 30-JAN-2001; 2001WO-US000666.
PR 30-JAN-2001; 2001WO-US000667.
PR 30-JAN-2001; 2001WO-US000668.
PR 30-JAN-2001; 2001WO-US000669.
PR 30-JAN-2001; 2001WO-US000670.
PR 23-MAY-2001; 2001US-00864761.
PR 10-OCT-2001; 2001US-0328205P.
XX
PA (AEOM-) AEOMICA INC.
XX
PI Shannon M;
XX
DR WPI; 2002-684061/74.
XX
XX Novel human SH3 domain (POSH)-like signalling protein 1 polypeptide, POSHL
PT

DR WPI; 2002-684061/74.
 XX Novel human SH3 domain (POSH)-like signaling protein 1 polypeptide, POSHL
 PT -1, useful for treating disorders associated with decreased expression or
 PT activity of human POSHL1.
 XX Example 2; SEQ ID NO 1945; 60pp + Sequence Listing; English.
 XX The invention relates to an isolated SH3 domain (POSH)-like signalling
 CC protein 1 (POSHL 1) polypeptide (I), comprising a sequence of 730 amino
 CC acids (SI, ABB83999), a sequence having 65% sequence identity to (SI),
 CC (SI) having 95% deviations, especially conservative substitutions or a
 CC fragment of the sequences comprising at least 8 contiguous amino acids.
 CC Human POSHL 1 is a proto-oncogene/oncogene product that functions as an
 CC adaptor protein that interacts with Rho family small GTPases as well as
 CC downstream components of the signal transduction pathway. (I) is useful
 CC for identifying a specific binding partner. (I) and nucleic acids (II)
 CC encoding (I) are useful for diagnosing, monitoring disease and treating
 CC caused by altered expression of human POSHL1 including diagnosing and
 CC treating cancer, they are useful in the development of vaccines and (II) is
 CC useful in gene therapy. (II) is useful for constructing microarrays which
 CC are useful for measuring and for surveying gene expression and creating
 CC transgenic non-human animals capable of producing the proteins. The
 CC present sequence is that of a scanning oligonucleotide useful in examples
 CC of the invention. Note: The present sequence did not form part of the
 CC printed specification, but is based on sequence information supplied to
 CC Derwent by the European Patent Office
 XX Sequence 17 BP; 1 A; 7 C; 6 G; 3 T; 0 U; 0 Other;
 SQ Query Match 3.9%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 7.9e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
 QY 766 CCTCCACCTTCTGAGGG 781
 DB |||||
 17 CCACCACGGCTGAGGG 2
 RESULT 1329
 ABV91223
 ID ABV91223 standard; DNA; 17 BP.
 XX AC ABV91223;
 XX 23-DEC-2002 (first entry)
 XX Human POSHL1 scanning oligonucleotide SEQ ID NO 1936.
 XX Human; POSHL 1; SH3 domain; POSH-like signalling protein 1; oncogene;
 XX Rho GTPase; signal transduction; gene expression; cancer; vaccine;
 XX gene therapy; transgenic; ss.
 XX Homo sapiens.
 XX EP1239051-A2.
 XX 11-SEP-2002.
 XX 28-JAN-2002; 2002EP-00001165.
 XX 30-JAN-2001; 2001WO-US000663.
 XX 30-JAN-2001; 2001WO-US000664.
 XX 30-JAN-2001; 2001WO-US000665.
 XX 30-JAN-2001; 2001WO-US000666.
 XX 30-JAN-2001; 2001WO-US000667.
 XX 30-JAN-2001; 2001WO-US000668.
 XX 30-JAN-2001; 2001WO-US000669.
 XX 23-MAY-2001; 2001US-00864761.
 XX 10-OCT-2001; 2001US-0328205P.
 XX (AEOM-) AEOMICA INC.

XX Shannon M;
 PI WPI; 2002-684061/74.
 DR Novel human SH3 domain (POSH)-like signaling protein 1 polypeptide, POSHL
 PT -1, useful for treating disorders associated with decreased expression or
 PT activity of human POSHL1.
 XX Example 2; SEQ ID NO 1936; 60pp + Sequence Listing; English.
 XX The invention relates to an isolated SH3 domain (POSH)-like signalling
 CC protein 1 (POSHL 1) polypeptide (I), comprising a sequence of 730 amino
 CC acids (SI, ABB83999), a sequence having 65% sequence identity to (SI),
 CC (SI) having 95% deviations, especially conservative substitutions or a
 CC fragment of the sequences comprising at least 8 contiguous amino acids.
 CC Human POSHL 1 is a proto-oncogene/oncogene product that functions as an
 CC adaptor protein that interacts with Rho family small GTPases as well as
 CC downstream components of the signal transduction pathway. (I) is useful
 CC for identifying a specific binding partner. (I) and nucleic acids (II)
 CC encoding (I) are useful for diagnosing, monitoring disease and treating
 CC caused by altered expression of human POSHL1 including diagnosing and
 CC treating cancer, they are useful in the development of vaccines and (II) is
 CC useful in gene therapy. (II) is useful for constructing microarrays which
 CC are useful for measuring and for surveying gene expression and creating
 CC transgenic non-human animals capable of producing the proteins. The
 CC present sequence is that of a scanning oligonucleotide useful in examples
 CC of the invention. Note: The present sequence did not form part of the
 CC printed specification, but is based on sequence information supplied to
 CC Derwent by the European Patent Office
 XX Sequence 17 BP; 1 A; 12 C; 1 G; 3 T; 0 U; 0 Other;
 SQ Query Match 3.9%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 7.9e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
 QY 803 CTCCTCCACCTCAG 818
 DB |||||
 2 CCCTCCCTCCCTCAG 17
 RESULT 1330
 ABV89333/C
 ID ABV89333 standard; DNA; 17 BP.
 XX AC ABV89333;
 XX 23-DEC-2002 (first entry)
 XX Human POSHL1 scanning oligonucleotide SEQ ID NO 46.
 XX Human; POSHL 1; SH3 domain; POSH-like signalling protein 1; oncogene;
 XX Rho GTPase; signal transduction; gene expression; cancer; vaccine;
 XX gene therapy; transgenic; ss.
 XX Homo sapiens.
 XX EP1239051-A2.
 XX 11-SEP-2002.
 XX 28-JAN-2002; 2002EP-00001165.
 XX 30-JAN-2001; 2001WO-US000653.
 XX 30-JAN-2001; 2001WO-US000654.
 XX 30-JAN-2001; 2001WO-US000655.
 XX 30-JAN-2001; 2001WO-US000656.
 XX 30-JAN-2001; 2001WO-US000657.
 XX 30-JAN-2001; 2001WO-US000658.
 XX 30-JAN-2001; 2001WO-US000659.
 XX 23-MAY-2001; 2001US-00864761.
 XX 10-OCT-2001; 2001US-0328205P.
 XX (AEOM-) AEOMICA INC.

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PR 10-OCT-2001; 2001US-0328205P.
XX
XX PA (AEOM-) AEOMICA INC.
XX
XX PI Shannon M;
XX
XX DR WPI; 2002-684061/74.
XX
XX PT Novel human SH3 domain (POSH)-like signaling protein 1 polypeptide, POSHL
XX PT -1, useful for treating disorders associated with decreased expression or
XX PT activity of human POSHL1.
XX
XX PS Example 2; SEQ ID NO 46; 60pp + Sequence Listing; English.
XX
XX CC The invention relates to an isolated SH3 domain (POSH)-like signalling
XX CC protein 1 (POSHL 1) polypeptide (I), comprising a sequence of 730 amino
XX CC acids (S1, ABB83999), a sequence having 65% sequence identity to (S1),
XX CC (S1) having 95% deviations, especially conservative substitutions or a
XX CC fragment of the sequences comprising at least 8 contiguous amino acids.
XX CC Human POSHL 1 is a proto-oncogene/oncogene product that functions as an
XX CC adaptor protein that interacts with Rho family small GTPases as well as
XX CC downstream components of the signal transduction pathway. (I) is useful
XX CC for identifying a specific binding partner. (I) and nucleic acids (II)
XX CC encoding (I) are useful for diagnosing, monitoring disease and treating
XX CC treating cancer, they are useful in the development of vaccines and (II) is
XX CC useful in gene therapy. (II) is useful for constructing microarrays which
XX CC are useful for measuring and for surveying gene expression and creating
XX CC transgenic non-human animals capable of producing the proteins. The
XX CC present sequence is that of a scanning oligonucleotide useful in examples
XX CC of the invention. Note: The present sequence did not form part of the
XX CC printed specification, but is based on sequence information supplied to
XX CC Derwent by the European Patent Office
XX
XX SQ Sequence 17 BP; 2 A; 5 C; 7 G; 3 T; 0 U; 0 Other;

Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.9e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 783 AGCCCTCTGTGGTCCCA 798
DB 16 AGCGCGCTGTGCTGCA 1

RESULT 1331
ABV90315/C
XX ID ABV90315 standard; DNA; 17 BP.
XX AC ABV90315;
XX
XX DT 23-DEC-2002 (first entry)
XX
XX DE Human POSHL1 scanning oligonucleotide SEQ ID NO 1028.
XX
XX KW Human; POSHL 1; SH3 domain; POSH-like signalling protein 1; oncogene;
XX KW Rho GTPase; signal transduction; gene expression; cancer; vaccine;
XX KW gene therapy; transgenic; ss.
XX
XX OS Homo sapiens.
XX
XX PN EP1239051-A2.
XX
XX PD 11-SEP-2002.
XX
XX PF 28-JAN-2002; 2002EP-00001165.
XX
XX PR 30-JAN-2001; 2001WO-US000663.
XX PR 30-JAN-2001; 2001WO-US000664.
XX PR 30-JAN-2001; 2001WO-US000665.
XX PR 30-JAN-2001; 2001WO-US000666.
XX PR 30-JAN-2001; 2001WO-US000667.
XX PR 30-JAN-2001; 2001WO-US000668.

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PR 30-JAN-2001; 2001WO-US000669.
PR 30-JAN-2001; 2001WO-US000670.
PR 23-MAY-2001; 2001US-00864761.
PR 10-OCT-2001; 2001US-0328205P.
XX
XX PA (AEOM-) AEOMICA INC.
XX
XX PI Shannon M;
XX
XX DR WPI; 2002-684061/74.
XX
XX PT Novel human SH3 domain (POSH)-like signaling protein 1 polypeptide, POSHL
XX PT -1, useful for treating disorders associated with decreased expression or
XX PT activity of human POSHL1.
XX
XX PS Example 2; SEQ ID NO 1028; 60pp + Sequence Listing; English.
XX
XX CC The invention relates to an isolated SH3 domain (POSH)-like signalling
XX CC protein 1 (POSHL 1) polypeptide (I), comprising a sequence of 730 amino
XX CC acids (S1, ABB83999), a sequence having 65% sequence identity to (S1),
XX CC (S1) having 95% deviations, especially conservative substitutions or a
XX CC fragment of the sequences comprising at least 8 contiguous amino acids.
XX CC Human POSHL 1 is a proto-oncogene/oncogene product that functions as an
XX CC adaptor protein that interacts with Rho family small GTPases as well as
XX CC downstream components of the signal transduction pathway. (I) is useful
XX CC for identifying a specific binding partner. (I) and nucleic acids (II)
XX CC encoding (I) are useful for diagnosing, monitoring disease and treating
XX CC caused by altered expression of human POSHL1 including diagnosing and
XX CC treating cancer, they are useful in the development of vaccines and (II) is
XX CC useful in gene therapy. (II) is useful for constructing microarrays which
XX CC are useful for measuring and for surveying gene expression and creating
XX CC transgenic non-human animals capable of producing the proteins. The
XX CC present sequence is that of a scanning oligonucleotide useful in examples
XX CC of the invention. Note: The present sequence did not form part of the
XX CC printed specification, but is based on sequence information supplied to
XX CC Derwent by the European Patent Office
XX
XX SQ Sequence 17 BP; 9 A; 1 C; 5 G; 2 T; 0 U; 0 Other;

Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.9e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 831 CTCCTTTCTCTCTGCA 846
DB 16 CTTGTCTCTCTCTAA 1

RESULT 1332
ABV89948
XX ID ABV89948 standard; DNA; 17 BP.
XX AC ABV89948;
XX
XX DT 23-DEC-2002 (first entry)
XX
XX DE Human POSHL1 scanning oligonucleotide SEQ ID NO 661.
XX
XX KW Human; POSHL 1; SH3 domain; POSH-like signalling protein 1; oncogene;
XX KW Rho GTPase; signal transduction; gene expression; cancer; vaccine;
XX KW gene therapy; transgenic; ss.
XX
XX OS Homo sapiens.
XX
XX PN EP1239051-A2.
XX
XX PD 11-SEP-2002.
XX
XX PF 28-JAN-2002; 2002EP-00001165.
XX
XX PR 30-JAN-2001; 2001WO-US000663.
XX PR 30-JAN-2001; 2001WO-US000664.
XX PR 30-JAN-2001; 2001WO-US000665.

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PR 30-JAN-2001; 2001WO-US000666.
PR 30-JAN-2001; 2001WO-US000667.
PR 30-JAN-2001; 2001WO-US000668.
PR 30-JAN-2001; 2001WO-US000669.
PR 30-JAN-2001; 2001WO-US000670.
PR 23-MAY-2001; 2001US-00864761.
PR 10-OCT-2001; 2001US-0328205P.
XX (AEOM-) AEOMICA INC.
PA Shannon M;
XX WPI; 2002-684061/74.
XX Novel human SH3 domain (POSH)-like signaling protein 1 polypeptide, POSHL
PT -1, useful for treating disorders associated with decreased expression or
PT activity of human POSHL1.
XX Example 2; SEQ ID NO 661; 60pp + Sequence Listing; English.
XX The invention relates to an isolated SH3 domain (POSH)-like signalling
CC protein 1 (POSHL 1) polypeptide (I), comprising a sequence of 730 amino
CC acids (S1, ABB83999), a sequence having 65% sequence identity to (S1),
CC (S1) having 95% deviations, especially conservative substitutions or a
CC fragment of the sequences comprising at least 8 contiguous amino acids.
CC Human POSHL 1 is a proto-oncogene/oncogene product that functions as an
CC adaptor protein that interacts with Rho family small GTPases as well as
CC downstream components of the signal transduction pathway. (I) is useful
CC for identifying a specific binding partner. (I) and nucleic acids (II)
CC encoded by altered expression of human POSHL1 including diagnosing and
CC treating cancer, they are useful in the development of vaccines and (II) is
CC useful in gene therapy. (II) is useful for constructing microarrays which
CC are useful for measuring and for surveying gene expression and creating
CC transgenic non-human animals capable of producing the proteins. The
CC present sequence is that of a scanning oligonucleotide useful in examples
CC of the invention. Note: The present sequence did not form part of the
CC printed specification, but is based on sequence information supplied to
CC Derwent by the European Patent Office
XX Sequence 17 BP; 7 A; 4 C; 5 G; 1 T; 0 U; 0 Other;
SQ Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.9e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 769 CCACCTCTGAGGGCAG 784
Db 1 CAACACAGAGGGCAG 16
RESULT 1333
ABV91037/C
ID ABV91037 standard; DNA; 17 BP.
XX AC ABV91037;
XX 23-DEC-2002 (first entry)
XX Human POSHL1 scanning oligonucleotide SEQ ID NO 1750.
XX Human; POSHL 1; SH3 domain; POSH-like signalling protein 1; oncogene;
XX Rho GTPase; signal transduction; gene expression; cancer; vaccine;
XX gene therapy; transgenic; ss.
XX Homo sapiens.
XX EP1239051-A2.
XX 11-SEP-2002.
XX 28-JAN-2002; 2002EP-00001165.
XX

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PR 30-JAN-2001; 2001WO-US000663.
PR 30-JAN-2001; 2001WO-US000664.
PR 30-JAN-2001; 2001WO-US000665.
PR 30-JAN-2001; 2001WO-US000666.
PR 30-JAN-2001; 2001WO-US000667.
PR 30-JAN-2001; 2001WO-US000668.
PR 30-JAN-2001; 2001WO-US000669.
PR 30-JAN-2001; 2001WO-US000670.
PR 23-MAY-2001; 2001US-00864761.
PR 10-OCT-2001; 2001US-0328205P.
XX (AEOM-) AEOMICA INC.
PA Shannon M;
XX WPI; 2002-684061/74.
XX Novel human SH3 domain (POSH)-like signaling protein 1 polypeptide, POSHL
PT -1, useful for treating disorders associated with decreased expression or
PT activity of human POSHL1.
XX Example 2; SEQ ID NO 1750; 60pp + Sequence Listing; English.
XX The invention relates to an isolated SH3 domain (POSH)-like signalling
CC protein 1 (POSHL 1) polypeptide (I), comprising a sequence of 730 amino
CC acids (S1, ABB83999), a sequence having 65% sequence identity to (S1),
CC (S1) having 95% deviations, especially conservative substitutions or a
CC fragment of the sequences comprising at least 8 contiguous amino acids.
CC Human POSHL 1 is a proto-oncogene/oncogene product that functions as an
CC adaptor protein that interacts with Rho family small GTPases as well as
CC downstream components of the signal transduction pathway. (I) is useful
CC for identifying a specific binding partner. (I) and nucleic acids (II)
CC encoded by altered expression of human POSHL1 including diagnosing and
CC treating cancer, they are useful in the development of vaccines and (II) is
CC useful in gene therapy. (II) is useful for constructing microarrays which
CC are useful for measuring and for surveying gene expression and creating
CC transgenic non-human animals capable of producing the proteins. The
CC present sequence is that of a scanning oligonucleotide useful in examples
CC of the invention. Note: The present sequence did not form part of the
CC printed specification, but is based on sequence information supplied to
CC Derwent by the European Patent Office
XX Sequence 17 BP; 3 A; 7 C; 6 G; 1 T; 0 U; 0 Other;
SQ Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.9e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 814 CTCAGGGTGGCTGTG 829
Db 16 CCCAGGGCCGCTGTG 1
RESULT 1334
ABV91173
ID ABV91173 standard; DNA; 17 BP.
XX AC ABV91173;
XX 23-DEC-2002 (first entry)
XX Human POSHL1 scanning oligonucleotide SEQ ID NO 1886.
XX Human; POSHL 1; SH3 domain; POSH-like signalling protein 1; oncogene;
XX Rho GTPase; signal transduction; gene expression; cancer; vaccine;
XX gene therapy; transgenic; ss.
XX Homo sapiens.
XX EP1239051-A2.
XX 11-SEP-2002.
XX

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XX PF 28-JAN-2002; 2002EP-00001165.
XX PD 30-JAN-2001; 2001WO-US000663.
XX PR 30-JAN-2001; 2001WO-US000664.
XX PR 30-JAN-2001; 2001WO-US000665.
XX PR 30-JAN-2001; 2001WO-US000666.
XX PR 30-JAN-2001; 2001WO-US000667.
XX PR 30-JAN-2001; 2001WO-US000668.
XX PR 30-JAN-2001; 2001WO-US000669.
XX PR 30-JAN-2001; 2001WO-US000670.
XX PR 23-MAY-2001; 2001US-00864761.
XX PR 10-OCT-2001; 2001US-0328205P.
XX PA (AEOM-) AEOMICA INC.
XX PI Shannon M;
XX PI WPI; 2002-684061/74.
XX DR Novel human SH3 domain (POSH)-like signaling protein 1 polypeptide, POSHL
XX PT -1, useful for treating disorders associated with decreased expression or
XX PT activity of human POSHL1.
XX PS Example 2; SEQ ID NO 1886; 60pp + Sequence Listing; English.
XX CC The invention relates to an isolated SH3 domain (POSH)-like signalling
XX CC protein 1 (POSHL 1) polypeptide (I), comprising a sequence of 730 amino
XX CC acids (S1, ABB83999), a sequence having 65% sequence identity to (S1),
XX CC (S1) having 95% deviations, especially conservative substitutions or a
XX CC fragment of the sequences comprising at least 8 contiguous amino acids.
XX CC Human POSHL 1 is a proto-oncogene/oncogene product that functions as an
XX CC adaptor protein that interacts with Rho family small GTPases as well as
XX CC downstream components of the signal transduction pathway. (I) is useful
XX CC for identifying a specific binding partner. (I) and nucleic acids (II)
XX CC encoding (I) are useful for diagnosing, monitoring disease and treating
XX CC treating cancer, they useful in the development of vaccines and (II) is
XX CC useful in gene therapy. (II) is useful for constructing microarrays which
XX CC are useful for measuring and for surveying gene expression and creating
XX CC transgenic non-human animals capable of producing the proteins. The
XX CC present sequence is that of a scanning oligonucleotide useful in examples
XX CC of the invention. Note: The present sequence did not form part of the
XX CC printed specification, but is based on sequence information supplied to
XX CC Derwent by the European Patent Office
XX SQ Sequence 17 BP; 2 A; 7 C; 4 G; 4 T; 0 U; 0 Other;
    Query Match 3.9%; Score 11.2; DB 1; Length 17;
    Best Local Similarity 81.2%; Pred. No. 7.9e+02;
    Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 752 CCMGGTCCTAGGCC 767
Db 2 CCATGGTCCTCGGCC 17
RESULT 1335
ABV89331/C
ID ABV89331 standard; DNA; 17 BP.
XX AC ABV89331;
XX AC ABV89331;
XX DT 23-DEC-2002 (first entry)
XX DE Human POSHL1 scanning oligonucleotide SEQ ID NO 44.
XX KW Human; POSHL 1; SH3 domain; POSH-like signalling protein 1; oncogene;
XX KW Rho GTPase; signal transduction; gene expression; cancer; vaccine;
XX KW gene therapy; transgenic; ss.
XX OS Homo sapiens.
XX

EPI239051-A2.
XX 11-SEP-2002.
XX 28-JAN-2002; 2002EP-00001165.
XX 30-JAN-2001; 2001WO-US000663.
XX 30-JAN-2001; 2001WO-US000664.
XX 30-JAN-2001; 2001WO-US000665.
XX 30-JAN-2001; 2001WO-US000666.
XX 30-JAN-2001; 2001WO-US000667.
XX 30-JAN-2001; 2001WO-US000668.
XX 30-JAN-2001; 2001WO-US000669.
XX 30-JAN-2001; 2001WO-US000670.
XX 23-MAY-2001; 2001US-00864761.
XX 10-OCT-2001; 2001US-0328205P.
XX PA (AEOM-) AEOMICA INC.
XX PI Shannon M;
XX PI WPI; 2002-684061/74.
XX DR Novel human SH3 domain (POSH)-like signaling protein 1 polypeptide, POSHL
XX PT -1, useful for treating disorders associated with decreased expression or
XX PT activity of human POSHL1.
XX PS Example 2; SEQ ID NO 44; 60pp + Sequence Listing; English.
XX CC The invention relates to an isolated SH3 domain (POSH)-like signalling
XX CC protein 1 (POSHL 1) polypeptide (I), comprising a sequence of 730 amino
XX CC acids (S1, ABB83999), a sequence having 65% sequence identity to (S1),
XX CC (S1) having 95% deviations, especially conservative substitutions or a
XX CC fragment of the sequences comprising at least 8 contiguous amino acids.
XX CC Human POSHL 1 is a proto-oncogene/oncogene product that functions as an
XX CC adaptor protein that interacts with Rho family small GTPases as well as
XX CC downstream components of the signal transduction pathway. (I) is useful
XX CC for identifying a specific binding partner. (I) and nucleic acids (II)
XX CC encoding (I) are useful for diagnosing, monitoring disease and treating
XX CC treating cancer, they useful in the development of vaccines and (II) is
XX CC useful in gene therapy. (II) is useful for constructing microarrays which
XX CC are useful for measuring and for surveying gene expression and creating
XX CC transgenic non-human animals capable of producing the proteins. The
XX CC present sequence is that of a scanning oligonucleotide useful in examples
XX CC of the invention. Note: The present sequence did not form part of the
XX CC printed specification, but is based on sequence information supplied to
XX CC Derwent by the European Patent Office
XX SQ Sequence 17 BP; 2 A; 5 C; 8 G; 2 T; 0 U; 0 Other;
    Query Match 3.9%; Score 11.2; DB 1; Length 17;
    Best Local Similarity 81.2%; Pred. No. 7.9e+02;
    Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 784 GCCCTCTGTGTCGCAA 799
Db 17 GCGCGCTGTGTCGCAA 2
RESULT 1336
ABV89947
ID ABV89947 standard; DNA; 17 BP.
XX AC ABV89947;
XX AC ABV89947;
XX DT 23-DEC-2002 (first entry)
XX DE Human POSHL1 scanning oligonucleotide SEQ ID NO 660.
XX KW Human; POSHL 1; SH3 domain; POSH-like signalling protein 1; oncogene;
XX KW Rho GTPase; signal transduction; gene expression; cancer; vaccine;
XX KW gene therapy; transgenic; ss.
XX OS Homo sapiens.
XX

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KW Human; POSHL 1; SH3 domain; POSH-like signalling protein 1; oncogene;
XX Rho GTPase; signal transduction; gene expression; cancer; vaccine;
XX gene therapy; transgenic; ss.
XX Homo sapiens.
XX EPI239051-A2.
XX 11-SEP-2002.
XX 28-JAN-2002; 2002EP-00001165.
XX 30-JAN-2001; 2001WO-US000663.
XX 30-JAN-2001; 2001WO-US000664.
XX 30-JAN-2001; 2001WO-US000665.
XX 30-JAN-2001; 2001WO-US000666.
XX 30-JAN-2001; 2001WO-US000667.
XX 30-JAN-2001; 2001WO-US000668.
XX 30-JAN-2001; 2001WO-US000669.
XX 30-JAN-2001; 2001WO-US000670.
XX 23-MAY-2001; 2001US-00864761.
XX 10-OCT-2001; 2001US-0328205P.
XX (AEOM-) AEOMICA INC.
XX Shannon M;
XX WPI; 2002-684061/74.
XX Novel human SH3 domain (POSH)-like signalling protein 1 polypeptide, POSHL
XX -1, useful for treating disorders associated with decreased expression or
XX activity of human POSHL1.
XX Example 2; SEQ ID NO 660; 60pp + Sequence Listing; English.
XX The invention relates to an isolated SH3 domain (POSH)-like signalling
XX protein 1 (POSHL 1) polypeptide (I), comprising a sequence of 730 amino
XX acids (SI, ABB83999), a sequence having 65% sequence identity to (SI),
XX (SI) having 95% deviations, especially conservative substitutions or a
XX fragment of the sequences comprising at least 8 contiguous amino acids.
XX Human POSHL 1 is a proto-oncogene/oncogene product that functions as an
XX adaptor protein that interacts with Rho family small GTPases as well as
XX downstream components of the signal transduction pathway. (I) is useful
XX for identifying a specific binding partner. (I) and nucleic acids (II)
XX encoding (I) are useful for diagnosing, monitoring disease and treating
XX caused by altered expression of human POSHL1 including diagnosing and
XX treating cancer, they are useful in the development of vaccines and (II) is
XX useful in gene therapy. (II) is useful for constructing microarrays which
XX are useful for measuring and for surveying gene expression and creating
XX transgenic non-human animals capable of producing the proteins. The
XX present sequence is that of a scanning oligonucleotide useful in examples
XX of the invention. Note: The present sequence did not form part of the
XX printed specification, but is based on sequence information supplied to
XX Derwent by the European Patent Office
XX SQ Sequence 17 BP; 6 A; 4 C; 6 G; 1 T; 0 U; 0 Other;
XX Query Match 3.9%; Score 11.2; DB 1; Length 17;
XX Best Local Similarity 81.2%; Pred. No. 7.9e+02;
XX Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
XX 769 CCACTTCTGAGGCGAG 784
XX 2 CCACTACAGGGCGAG 17
XX RESULT 1337
XX ABV91176
XX ID ABV91176 standard; DNA; 17 BP.
XX AC ABV91176;
XX AC ABV91176;
XX DT 23-DEC-2002 (first entry)
XX DE Human POSHL1 scanning oligonucleotide SEQ ID NO 1889.
XX DT

```

```

KW Human; POSHL 1; SH3 domain; POSH-like signalling protein 1; oncogene;
XX Rho GTPase; signal transduction; gene expression; cancer; vaccine;
XX gene therapy; transgenic; ss.
XX Homo sapiens.
XX EPI239051-A2.
XX 11-SEP-2002.
XX 28-JAN-2002; 2002EP-00001165.
XX 30-JAN-2001; 2001WO-US000663.
XX 30-JAN-2001; 2001WO-US000664.
XX 30-JAN-2001; 2001WO-US000665.
XX 30-JAN-2001; 2001WO-US000666.
XX 30-JAN-2001; 2001WO-US000667.
XX 30-JAN-2001; 2001WO-US000668.
XX 30-JAN-2001; 2001WO-US000669.
XX 30-JAN-2001; 2001WO-US000670.
XX 23-MAY-2001; 2001US-00864761.
XX 10-OCT-2001; 2001US-0328205P.
XX (AEOM-) AEOMICA INC.
XX Shannon M;
XX WPI; 2002-684061/74.
XX Novel human SH3 domain (POSH)-like signalling protein 1 polypeptide, POSHL
XX -1, useful for treating disorders associated with decreased expression or
XX activity of human POSHL1.
XX Example 2; SEQ ID NO 1889; 60pp + Sequence Listing; English.
XX The invention relates to an isolated SH3 domain (POSH)-like signalling
XX protein 1 (POSHL 1) polypeptide (I), comprising a sequence of 730 amino
XX acids (SI, ABB83999), a sequence having 65% sequence identity to (SI),
XX (SI) having 95% deviations, especially conservative substitutions or a
XX fragment of the sequences comprising at least 8 contiguous amino acids.
XX Human POSHL 1 is a proto-oncogene/oncogene product that functions as an
XX adaptor protein that interacts with Rho family small GTPases as well as
XX downstream components of the signal transduction pathway. (I) is useful
XX for identifying a specific binding partner. (I) and nucleic acids (II)
XX encoding (I) are useful for diagnosing, monitoring disease and treating
XX caused by altered expression of human POSHL1 including diagnosing and
XX treating cancer, they are useful in the development of vaccines and (II) is
XX useful in gene therapy. (II) is useful for constructing microarrays which
XX are useful for measuring and for surveying gene expression and creating
XX transgenic non-human animals capable of producing the proteins. The
XX present sequence is that of a scanning oligonucleotide useful in examples
XX of the invention. Note: The present sequence did not form part of the
XX printed specification, but is based on sequence information supplied to
XX Derwent by the European Patent Office
XX SQ Sequence 17 BP; 2 A; 6 C; 4 G; 5 T; 0 U; 0 Other;
XX Query Match 3.9%; Score 11.2; DB 1; Length 17;
XX Best Local Similarity 81.2%; Pred. No. 7.9e+02;
XX Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
XX 754 AGGTCCCTAGGCCTC 769
XX 1 ATGCTCCTTCGGCCTC 16
XX RESULT 1338
XX ABV90313/C
XX ID ABV90313 standard; DNA; 17 BP.
XX AC ABV90313;
XX AC ABV90313;
XX DT 23-DEC-2002 (first entry)
XX DT

```



```
XX DE Human POSHL1 scanning oligonucleotide SEQ ID NO 1026.
XX DE
XX KW Human; POSHL 1; SH3 domain; POSH-like signalling protein 1; oncogene;
XX KW Rho GTPase; signal transduction; gene expression; cancer; vaccine;
XX KW Gene therapy; transgenic; ss.
XX OS Homo sapiens.
XX PN EP1239051-A2.
XX PD 11-SEP-2002.
XX PF 28-JAN-2002; 2002EP-00001165.
XX PR 30-JAN-2001; 2001WO-US000663.
XX PR 30-JAN-2001; 2001WO-US000664.
XX PR 30-JAN-2001; 2001WO-US000665.
XX PR 30-JAN-2001; 2001WO-US000666.
XX PR 30-JAN-2001; 2001WO-US000667.
XX PR 30-JAN-2001; 2001WO-US000668.
XX PR 30-JAN-2001; 2001WO-US000669.
XX PR 30-JAN-2001; 2001WO-US000670.
XX PR 23-MAY-2001; 2001US-00864761.
XX PR 10-OCT-2001; 2001US-0328205P.
XX PA (AEOM-) AEOMICA INC.
XX PI Shannon M;
XX PI WPI; 2002-684061/74.
XX DR
XX PT Novel human SH3 domain (POSH)-like signaling protein 1 polypeptide, POSHL
XX PT -1, useful for treating disorders associated with decreased expression or
XX PT activity of human POSHL1.
XX PS Example 2; SEQ ID NO 1026; 60pp + Sequence Listing; English.
XX CC The invention relates to an isolated SH3 domain (POSH)-like signalling
XX CC protein 1 (POSHL 1) polypeptide (I), comprising a sequence of 730 amino
XX CC acids (SI, ABB83999), a sequence having 65% sequence identity to (SI),
XX CC (SI) having 95% deviations, especially conservative substitutions or a
XX CC fragment of the sequences comprising at least 8 contiguous amino acids.
XX CC Human POSHL 1 is a proto-oncogene/oncogene product that functions as an
XX CC adaptor protein that interacts with Rho family small GTPases as well as
XX CC downstream components of the signal transduction pathway. (I) is useful
XX CC for identifying a specific binding partner. (II) and nucleic acids (II)
XX CC encoding (I) are useful for diagnosing, monitoring disease and treating
XX CC caused by altered expression of human POSHL1 including diagnosing and
XX CC treating cancer, they useful in the development of vaccines and (II) is
XX CC useful in gene therapy. (II) is useful for constructing microarrays which
XX CC are useful for measuring and for surveying gene expression and creating
XX CC transgenic non-human animals capable of producing the proteins. The
XX CC present sequence is that of a scanning oligonucleotide useful in examples
XX CC of the invention. Note: The present sequence did not form part of the
XX CC printed specification, but is based on sequence information supplied to
XX CC Derwent by the European Patent Office
XX SQ Sequence 17 BP; 9 A; 1 C; 3 G; 4 T; 0 U; 0 Other;
XX
XX Query Match 3.9%; Score 11.2; DB 1; Length 17;
XX Best Local Similarity 81.2%; Pred. No. 7.9e+02;
XX Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
XX
XX QY 832 TCTTTCTCTCTGAA 847
XX DB 17 TTGTCTCTCTTAAA 2
XX
XX RESULT 1339
XX ABV90005
XX ID ABV90005 standard; DNA; 17 BP.
XX XX
```

```
AC ABV90005;
XX DT 23-DEC-2002 (first entry)
XX DE Human POSHL1 scanning oligonucleotide SEQ ID NO 718.
XX KW Human; POSHL 1; SH3 domain; POSH-like signalling protein 1; oncogene;
XX KW Rho GTPase; signal transduction; gene expression; cancer; vaccine;
XX KW Gene therapy; transgenic; ss.
XX OS Homo sapiens.
XX PN EP1239051-A2.
XX PD 11-SEP-2002.
XX PF 28-JAN-2002; 2002EP-00001165.
XX PR 30-JAN-2001; 2001WO-US000663.
XX PR 30-JAN-2001; 2001WO-US000664.
XX PR 30-JAN-2001; 2001WO-US000665.
XX PR 30-JAN-2001; 2001WO-US000666.
XX PR 30-JAN-2001; 2001WO-US000667.
XX PR 30-JAN-2001; 2001WO-US000668.
XX PR 30-JAN-2001; 2001WO-US000669.
XX PR 30-JAN-2001; 2001WO-US000670.
XX PR 23-MAY-2001; 2001US-00864761.
XX PR 10-OCT-2001; 2001US-0328205P.
XX PA (AEOM-) AEOMICA INC.
XX PI Shannon M;
XX PI WPI; 2002-684061/74.
XX DR
XX PT Novel human SH3 domain (POSH)-like signaling protein 1 polypeptide, POSHL
XX PT -1, useful for treating disorders associated with decreased expression or
XX PT activity of human POSHL1.
XX PS Example 2; SEQ ID NO 718; 60pp + Sequence Listing; English.
XX CC The invention relates to an isolated SH3 domain (POSH)-like signalling
XX CC protein 1 (POSHL 1) polypeptide (I), comprising a sequence of 730 amino
XX CC acids (SI, ABB83999), a sequence having 65% sequence identity to (SI),
XX CC (SI) having 95% deviations, especially conservative substitutions or a
XX CC fragment of the sequences comprising at least 8 contiguous amino acids.
XX CC Human POSHL 1 is a proto-oncogene/oncogene product that functions as an
XX CC adaptor protein that interacts with Rho family small GTPases as well as
XX CC downstream components of the signal transduction pathway. (I) is useful
XX CC for identifying a specific binding partner. (II) and nucleic acids (II)
XX CC encoding (I) are useful for diagnosing, monitoring disease and treating
XX CC caused by altered expression of human POSHL1 including diagnosing and
XX CC treating cancer, they useful in the development of vaccines and (II) is
XX CC useful in gene therapy. (II) is useful for constructing microarrays which
XX CC are useful for measuring and for surveying gene expression and creating
XX CC transgenic non-human animals capable of producing the proteins. The
XX CC present sequence is that of a scanning oligonucleotide useful in examples
XX CC of the invention. Note: The present sequence did not form part of the
XX CC printed specification, but is based on sequence information supplied to
XX CC Derwent by the European Patent Office
XX SQ Sequence 17 BP; 3 A; 5 C; 5 G; 4 T; 0 U; 0 Other;
XX
XX Query Match 3.9%; Score 11.2; DB 1; Length 17;
XX Best Local Similarity 81.2%; Pred. No. 7.9e+02;
XX Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
XX
XX QY 840 TCTCTGAAGACAGCGT 855
XX DB 1 TCTCCGAGACAGCTT 16
XX
XX RESULT 1340
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ABV91213/c
ID ABV91213 standard; DNA; 17 BP.
AC ABV91213;
XX
DT 23-DEC-2002 (first entry)
XX
DE Human POSHL1 scanning oligonucleotide SEQ ID NO 1926.
XX
KW Human; POSHL 1; SH3 domain; POSH-like signalling protein 1; oncogene;
KW Rho GTPase; signal transduction; gene expression; cancer; vaccine;
KW Gene therapy; transgenic; ss.
XX
OS Homo sapiens.
XX
PN EPI239051-A2.
XX
PD 11-SEP-2002.
XX
PF 28-JAN-2002; 2002EP-00001165.
XX
PR 30-JAN-2001; 2001WO-US000663.
XX
PR 30-JAN-2001; 2001WO-US000664.
XX
PR 30-JAN-2001; 2001WO-US000665.
XX
PR 30-JAN-2001; 2001WO-US000666.
XX
PR 30-JAN-2001; 2001WO-US000667.
XX
PR 30-JAN-2001; 2001WO-US000668.
XX
PR 30-JAN-2001; 2001WO-US000669.
XX
PR 30-JAN-2001; 2001WO-US000670.
XX
PR 23-MAY-2001; 2001US-00864761.
XX
PR 10-OCT-2001; 2001US-0328205P.
XX
PA (ABOM-) ABOMICA INC.
XX
PI Shannon M;
XX
DR WPI; 2002-684061/74.
XX
PT Novel human SH3 domain (POSH)-like signaling protein 1 polypeptide, POSHL
PT -1, useful for treating disorders associated with decreased expression or
PT activity of human POSHL1.
XX
PS Example 2; SEQ ID NO 1926; 60pp + Sequence Listing; English.
XX
CC The invention relates to an isolated SH3 domain (POSH)-like signalling
CC protein 1 (POSHL 1) polypeptide (I), comprising a sequence of 730 amino
CC acids (S1, ABB83999), a sequence having 65% sequence identity to (S1),
CC (S1) having 95% deviations, especially conservative substitutions or a
CC fragment of the sequences comprising at least 8 contiguous amino acids.
CC Human POSHL 1 is a proto-oncogene/oncogene product that functions as an
CC adaptor protein that interacts with Rho family small GTPases as well as
CC downstream components of the signal transduction pathway. (I) is useful
CC for identifying a specific binding partner. (i) and nucleic acids (ii)
CC encoding (i) are useful for diagnosing, monitoring disease and treating
CC caused by altered expression of human POSHL1 including diagnosing and
CC treating cancer, they are useful in the development of vaccines and (ii) is
CC useful in gene therapy. (ii) is useful for constructing microarrays which
CC are useful for measuring and for surveying gene expression and creating
CC transgenic non-human animals capable of producing the proteins. The
CC present sequence is that of a scanning oligonucleotide useful in examples
CC of the invention. Note: The present sequence did not form part of the
CC printed specification, but is based on sequence information supplied to
CC Derwent by the European Patent Office
XX
SQ Sequence 17 BP; 3 A; 8 C; 4 G; 2 T; 0 U; 0 Other;
XX
Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.9e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 777 GAGGGCAGCCCTCTG 792
Db 16 GAGGGGATCCCTGTG 1

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RESULT 1341
ABV91224
ID ABV91224 standard; DNA; 17 BP.
XX
AC ABV91224;
XX
DT 23-DEC-2002 (first entry)
XX
DE Human POSHL1 scanning oligonucleotide SEQ ID NO 1937.
XX
KW Human; POSHL 1; SH3 domain; POSH-like signalling protein 1; oncogene;
KW Rho GTPase; signal transduction; gene expression; cancer; vaccine;
KW Gene therapy; transgenic; ss.
XX
OS Homo sapiens.
XX
PN EPI239051-A2.
XX
PD 11-SEP-2002.
XX
PF 28-JAN-2002; 2002EP-00001165.
XX
PR 30-JAN-2001; 2001WO-US000663.
XX
PR 30-JAN-2001; 2001WO-US000664.
XX
PR 30-JAN-2001; 2001WO-US000665.
XX
PR 30-JAN-2001; 2001WO-US000666.
XX
PR 30-JAN-2001; 2001WO-US000667.
XX
PR 30-JAN-2001; 2001WO-US000668.
XX
PR 30-JAN-2001; 2001WO-US000669.
XX
PR 30-JAN-2001; 2001WO-US000670.
XX
PR 23-MAY-2001; 2001US-00864761.
XX
PR 10-OCT-2001; 2001US-0328205P.
XX
PA (ABOM-) ABOMICA INC.
XX
PI Shannon M;
XX
DR WPI; 2002-684061/74.
XX
PT Novel human SH3 domain (POSH)-like signaling protein 1 polypeptide, POSHL
PT -1, useful for treating disorders associated with decreased expression or
PT activity of human POSHL1.
XX
PS Example 2; SEQ ID NO 1937; 60pp + Sequence Listing; English.
XX
CC The invention relates to an isolated SH3 domain (POSH)-like signalling
CC protein 1 (POSHL 1) polypeptide (I), comprising a sequence of 730 amino
CC acids (S1, ABB83999), a sequence having 65% sequence identity to (S1),
CC (S1) having 95% deviations, especially conservative substitutions or a
CC fragment of the sequences comprising at least 8 contiguous amino acids.
CC Human POSHL 1 is a proto-oncogene/oncogene product that functions as an
CC adaptor protein that interacts with Rho family small GTPases as well as
CC downstream components of the signal transduction pathway. (I) is useful
CC for identifying a specific binding partner. (i) and nucleic acids (ii)
CC encoding (i) are useful for diagnosing, monitoring disease and treating
CC caused by altered expression of human POSHL1 including diagnosing and
CC treating cancer, they are useful in the development of vaccines and (ii) is
CC useful in gene therapy. (ii) is useful for constructing microarrays which
CC are useful for measuring and for surveying gene expression and creating
CC transgenic non-human animals capable of producing the proteins. The
CC present sequence is that of a scanning oligonucleotide useful in examples
CC of the invention. Note: The present sequence did not form part of the
CC printed specification, but is based on sequence information supplied to
CC Derwent by the European Patent Office
XX
SQ Sequence 17 BP; 1 A; 12 C; 1 G; 3 T; 0 U; 0 Other;
XX
Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.9e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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PT pulmonary disease (COPD), chronic bronchitis and asthma.
 PS Claim 4; Page 59; 152pp; English.
 XX
 CC The invention relates to enzymatic nucleic acid molecules that down
 CC regulate expression of chloride channel calcium activated 1 (CLCA1) genes
 CC by cleaving RNA derived from the genes. The nucleic acid sequences are
 CC useful as pharmaceutical agents for treating conditions such as chronic
 CC obstructive pulmonary disease (COPD), chronic bronchitis, asthma, cystic
 CC fibrosis, obstructive bowel syndrome and any other diseases or conditions
 CC that are related to or will respond to the levels of CLCA1 in a cell or
 CC tissue. The sequences are useful for reducing CLCA1 activity in a cell,
 CC hence, are useful for treatment of a patient having a condition
 CC associated with the level of CLCA1, where the invention further comprises
 CC the use of one or more therapies under conditions suitable for the
 CC treatment, for example, oxygen therapy, bronchodilators, corticosteroids,
 CC antibacterials, vaccinations, acetylcysteine and mucokinetic agents. The
 CC nucleic acids of the invention are also used as diagnostic tools to
 CC examine genetic drift and mutations within diseased cells or to detect
 CC the presence of CLCA1 RNA in a cell. This sequence represents an
 CC enzymatic nucleic acid molecule of the invention
 XX
 SQ Sequence 17 BP; 3 A; 8 C; 3 G; 0 T; 3 U; 0 Other;
 Query Match 3.9%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 62.5%; Pred. No. 7.9e+02;
 Matches 10; Conservative 3; Mismatches 3; Indels 0; Gaps 0;
 QY 767 CTCACCTTCTGAGGCG 782
 Db 1 CCCCAUUCACAGGCG 16
 RESULT 1347
 ID ABK55989
 AC ABK55989 standard; RNA; 17 BP.
 XX
 AC ABK55989;
 XX
 DT 02-JUL-2002 (first entry)
 XX
 DE Human CLCA1 gene enzymatic nucleic acid #360.
 XX
 KW Human; chloride channel calcium activated 1; CLCA1; ss; antiasthmatic;
 KW antiinflammatory; chronic obstructive pulmonary disease; COPD; asthma;
 KW chronic bronchitis; cystic fibrosis; obstructive bowel syndrome;
 KW oxygen therapy; bronchodilator; corticosteroid; vaccination; mucokinetic;
 KW acetylcysteine.
 XX
 OS Homo sapiens.
 XX
 PN WO200211674-A2.
 XX
 PD 14-FEB-2002.
 XX
 PF 09-AUG-2001; 2001WO-US024970.
 XX
 PR 09-AUG-2000; 2000US-0224383P.
 XX
 PA (RIBO-) RIBOZYME PHARM INC.
 PA (SYNT) SYNTX USA LLC.
 PA (THOM/) THOMPSON J.
 XX
 PI Thompson J, Mcswiggen J, Mckenzie T, Ayers D, Szymkowski DE;
 PI Grupe A;
 XX
 DR WPI; 2002-217145/27.
 XX
 XX Enzymatic polynucleotide that down regulates expression of chloride
 PT channel calcium activated gene, useful for treating Chronic obstructive
 PT pulmonary disease (COPD), chronic bronchitis and asthma.
 XX
 PS Claim 4; Page 59; 152pp; English.

XX The invention relates to enzymatic nucleic acid molecules that down
 CC regulate expression of chloride channel calcium activated 1 (CLCA1) genes
 CC by cleaving RNA derived from the genes. The nucleic acid sequences are
 CC useful as pharmaceutical agents for treating conditions such as chronic
 CC obstructive pulmonary disease (COPD), chronic bronchitis, asthma, cystic
 CC fibrosis, obstructive bowel syndrome and any other diseases or conditions
 CC that are related to or will respond to the levels of CLCA1 in a cell or
 CC tissue. The sequences are useful for reducing CLCA1 activity in a cell,
 CC hence, are useful for treatment of a patient having a condition
 CC associated with the level of CLCA1, where the invention further comprises
 CC the use of one or more therapies under conditions suitable for the
 CC treatment, for example, oxygen therapy, bronchodilators, corticosteroids,
 CC antibacterials, vaccinations, acetylcysteine and mucokinetic agents. The
 CC nucleic acids of the invention are also used as diagnostic tools to
 CC examine genetic drift and mutations within diseased cells or to detect
 CC the presence of CLCA1 RNA in a cell. This sequence represents an
 CC enzymatic nucleic acid molecule of the invention
 XX
 SQ Sequence 17 BP; 3 A; 7 C; 3 G; 0 T; 4 U; 0 Other;
 Query Match 3.9%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 62.5%; Pred. No. 7.9e+02;
 Matches 10; Conservative 3; Mismatches 3; Indels 0; Gaps 0;
 QY 767 CTCACCTTCTGAGGCG 782
 Db 2 CCCCAUUCACAGGCG 17
 RESULT 1348
 ABZ94547/C
 ID ABZ94547 standard; DNA; 17 BP.
 XX
 AC ABZ94547;
 XX
 DT 17-OCT-2003 (first entry)
 XX
 DE Human adenosine A1 receptor antisense fragment no.410.
 XX
 KW Human; antisense; lung dysfunction; nasal airway dysfunction;
 KW antiinflammatory steroid; ubiqunone; antiinflammatory; antiallergic;
 KW antiasthmatic; hypotensive; immunosuppressive; cytostatic; gene therapy;
 KW antisense gene therapy; respiratory; lung; adenosine sensitivity;
 KW adenosine receptor; bronchodilation; bronchoconstriction; lung allergy;
 KW lung inflammation; respiratory disease; ds.
 XX
 OS Homo sapiens.
 XX
 PN WO200285308-A2.
 XX
 PD 31-OCT-2002.
 XX
 PF 23-APR-2002; 2002WO-US013135.
 XX
 PR 24-APR-2001; 2001US-0286137P.
 XX
 PA (EPIG-) EPIGENESIS PHARM INC.
 XX
 PI Nyce JW, Li Y, Sandrasagra A, Katz E, Pabalan J, Aguilar D;
 PI Miller S, Tang L, Shahabuddin S;
 XX
 DR WPI; 2003-229219/22.
 XX
 PT Pharmaceutical composition for treating ailments associated with impaired
 PT respiration, has oligo(s) antisense to specific gene(s) or its
 PT corresponding RNAs, and glucocorticoid or non-glucocorticoid steroid or
 PT ubiquinone.
 XX
 PS Disclosure; SEQ ID NO 9789; 872pp; English.
 XX
 CC The invention relates to a novel pharmaceutical composition, which has a
 CC first active agent comprising an oligonucleotide antisense to the

initiation codon, coding region, 5' or 3' end genomic flanking regions, 5' and 3' intron-exon junctions, or regions within 2-10 nucleotides of junctions of genes encoding a polypeptide associated with lung and/or nasal airway dysfunction and a second active agent comprising an antiinflammatory steroid and ubiquinone. A composition of the invention has antiinflammatory, antiallergic, antiasthmatic, hypotensive, immunosuppressive, and cytostatic activity. The composition may have a use in anti-sense gene therapy. The composition is useful for treating or preventing a respiratory, lung or malignant disease or condition, also for enhancing the prophylactic or therapeutic respiratory effect of an antiinflammatory steroid in a subject for reducing or depleting levels of, or reducing sensitivity to adenosine, reducing levels of adenosine receptor, producing bronchodilation, increasing levels of ubiquinone or lung surfactant in a subject's tissue, or treating bronchoconstriction, lung inflammation, lung allergies, or a respiratory disease or condition. Note: The sequence data for this patent is not represented in the printed specification, but was obtained in electronic format directly from WIPO at ftp.wipo.int/pub/published_pct_sequences

| | | | | |
|-----------------------|--------------|--------------------|---------------|------------|
| Query Match | 3.9% | Score 11.2; | DB 1; | Length 17; |
| Best Local Similarity | 81.2% | Pred. No. 7.9e+02; | | |
| Matches 13; | Conservative | 0; | Mismatches 3; | Indels 0; |
| | | | | Gaps 0; |

Qy 807 CCTCCAACTCAGGGTT 822
|||
Db 17 CCTCCATCTCAGCTTT 2

RESULT 1349
ABZ94579/C
ID ABZ94579 standard: DNA: 17 BP.

AA
AC ABZ94579:

17-OCT-2003 (first entry)

Human adenosine A1 receptor antisense fragment no.442.

Human; antisense; lung dysfunction; nasal airway dysfunction;
antiinflammatory steroid; ubiquinone; antiinflammatory; antiallergic;
antiasthmatic; hypotensive; immunosuppressive; cytostatic; gene therapy;
antisense gene therapy; respiratory; lung; adenosine sensitivity;
adenosine receptor; bronchodilation; bronchoconstriction; lung allergy;
lung inflammation; respiratory disease; ds.

XX Homo sapiens.

XX PN WO200285308-A2.

PD 31-OCT-2002.

23-APR-2002: 2002WO-US013135.

24-APR-2001: 2001US-0286137P.

XX
PA (EPIG-) EPIGENESIS PHARM INC.

PI Nyce JW, Li Y, Sandrasagra A, Katz E, Pabalan J, Aguilar D;

PI Miller S, Tang L, Shahabuddin S;
NYCE ON; LI I, Samarasingha A;
PI Samarasingha A, Samarasingha A;

DR WPI; 2003-229219/22.

Pharmaceutical composition for treating ailments associated with impaired PT respiration, has oligo(s) antisense to specific gene(s) or its corresponding RNAs, and glucocorticoid or non-glucocorticoid steroid or PT ubiquinone.

PS Disclosure; SEQ ID NO 9821; 872pp; English.

The invention relates to a novel pharmaceutical composition, which has a first active agent comprising an oligonucleotide antisense to the

XX
SQ Sequence 17 BP; 5 A; 5 C; 5 G; 2 T; 0 U; 0 Other;

Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.9e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 897 CTCAGCTTCTGGGATC 912
DB 16 CTCAGTCTCTGGGATC 1

RESULT 1351
ACC54127
ID ACC54127 standard; DNA; 17 BP.
XX
AC ACC54127;
XX
DT 27-JUN-2003 (first entry)
XX
DE Human tumour suppressor sequence #2894.
XX
KW ss: tumour suppressor; antitumour; cytostatic; tumour suppression;
KW tumour regression; apoptosis; virus resistance; diagnosis;
KW cellular degeneration.
XX
OS Homo sapiens.
XX
PN FR2826373-A1.
XX
PD 27-DEC-2002.
XX
PF 20-JUN-2001; 2001FR-00008139.
XX
PR 20-JUN-2001; 2001FR-00008139.
XX
PA (MOLE-) MOLECULAR ENGINES LAB SA.
XX
PI Tuijnder M, Telerman A, Amson R;
XX
DR WPI; 2003-250498/25.
XX
KW New nucleic acid sequences associated with tumor suppression, regression,
KW apoptosis or virus resistance are useful to diagnose and treat viral
KW disease, development of tumor cells and cell degeneration.
XX
OS Homo sapiens.
XX
PN FR2826373-A1.
XX
PD 27-DEC-2002.
XX
PF 20-JUN-2001; 2001FR-00008139.
XX
PR 20-JUN-2001; 2001FR-00008139.
XX
PA (MOLE-) MOLECULAR ENGINES LAB SA.
XX
PI Tuijnder M, Telerman A, Amson R;
XX
DR WPI; 2003-250498/25.
XX
KW New nucleic acid sequences associated with tumor suppression, regression,
KW apoptosis or virus resistance are useful to diagnose and treat viral
KW disease, development of tumor cells and cell degeneration.
XX
PS Claim 1; Page 708; 798pp; French.
XX
CC This sequence represents an isolated nucleic acid sequence associated
CC with tumour suppression or regression, apoptosis or virus resistance. The
CC invention relates to these sequences or sequences having at least 80%
CC identity to them, and polypeptides encoded by the sequences or
CC polypeptides having 80% identity to the polypeptide sequences. The
CC invention is used to diagnose or treat viral disease or disease
CC characterized by development of tumour cells or cellular degeneration
XX
SQ Sequence 17 BP; 2 A; 1 C; 5 G; 9 T; 0 U; 0 Other;

Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.9e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 976 ATCTGGTGTATGGGTA 991
DB 2 ATCTGGTGTATTGTTA 17

RESULT 1352
ACC53769
ID ACC53769 standard; DNA; 17 BP.
XX
AC ACC53769;
XX

DT 27-JUN-2003 (first entry)
XX
DE Human tumour suppressor sequence #2536.
XX
KW ss: tumour suppressor; antitumour; cytostatic; tumour suppression;
KW tumour regression; apoptosis; virus resistance; diagnosis;
KW cellular degeneration.
XX
OS Homo sapiens.
XX
PN FR2826373-A1.
XX
PD 27-DEC-2002.
XX
PF 20-JUN-2001; 2001FR-00008139.
XX
PR 20-JUN-2001; 2001FR-00008139.
XX
PA (MOLE-) MOLECULAR ENGINES LAB SA.
XX
PI Tuijnder M, Telerman A, Amson R;
XX
DR WPI; 2003-250498/25.
XX
KW New nucleic acid sequences associated with tumor suppression, regression,
KW apoptosis or virus resistance are useful to diagnose and treat viral
KW disease, development of tumor cells and cell degeneration.
XX
PS Claim 1; Page 625; 798pp; French.
XX
CC This sequence represents an isolated nucleic acid sequence associated
CC with tumour suppression or regression, apoptosis or virus resistance. The
CC invention relates to these sequences or sequences having at least 80%
CC identity to them, and polypeptides encoded by the sequences or
CC polypeptides having 80% identity to the polypeptide sequences. The
CC invention is used to diagnose or treat viral disease or disease
CC characterized by development of tumour cells or cellular degeneration
XX
SQ Sequence 17 BP; 6 A; 7 C; 1 G; 3 T; 0 U; 0 Other;

Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.9e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 802 GCTCTCTCTCCAACTCA 817
DB 1 GATCTCTCTCCAAACA 16

RESULT 1353
ACC52867/c
ID ACC52867 standard; DNA; 17 BP.
XX
AC ACC52867;
XX
DT 27-JUN-2003 (first entry)
XX
DE Human tumour suppressor sequence #1634.
XX
KW ss: tumour suppressor; antitumour; cytostatic; tumour suppression;
KW tumour regression; apoptosis; virus resistance; diagnosis;
KW cellular degeneration.
XX
OS Homo sapiens.
XX
PN FR2826373-A1.
XX
PD 27-DEC-2002.
XX
PF 20-JUN-2001; 2001FR-00008139.
XX
PR 20-JUN-2001; 2001FR-00008139.
XX

ID ACD00459 standard; DNA; 17 BP.
XX AC ACD00459;
XX DT 28-JUL-2003 (first entry)
XX DE G-protein coupled receptor GPCR-A-1 analysis oligonucleotide #932.
XX KW Human; G-protein coupled receptor; GPCR-A-1; cancer; tumour;
XX GW G-Protein-Agonist; G-Protein-Antagonist; gene therapy; cyrostatic; ss.
XX OS Homo sapiens.
XX PN WO2003031621-A2.
XX PD 17-APR-2003.
XX PF 11-OCT-2002; 2002WO-US032599.
XX PR 12-OCT-2001; 2001US-0329000P.
XX PA (AMSH) AMERSHAM BIOSCIENCES SV CORP.
XX PI Zhang J;
XX PS WPI; 2003-381720/36.
XX DR New GPCR-A-1 nucleic acid and polypeptide, useful for diagnosing,
XX PT investigating and/or treating disorders associated with aberrant
XX PT expression or activity of GPCR-A-1, such as tumors and cancers.
XX PS Example 2; SEQ ID NO 956; 156pp; English.
XX CC The invention describes an isolated nucleic acid encoding a G protein
XX CC coupled receptor (GPCR), mutations of which cause cancer, comprising a
XX CC 2225 or 1921 base pair sequence, or their degenerate variants, encoding a
XX CC 409 residue amino acid sequence, all given in the specification, with or
XX CC without conservative amino acid substitutions, or complements of the
XX CC sequence of them. The encoding nucleic acid is not more than 100 kb in
XX CC length. The methods and compositions of the present invention are useful
XX CC for diagnosing, investigating and/or treating disorders associated with
XX CC aberrant expression or activity of GPCR-A-1, such as tumors and cancers.
XX CC This sequence represents an oligonucleotide used to analyse the gene
XX CC encoding human G-protein coupled receptor GPCR-A-1
XX SQ Sequence 17 BP; 4 A; 3 C; 6 G; 4 T; 0 U; 0 Other;

Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.9e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 738 GACTTGGTAGGTCGCC 753
Db 1 GACTTGGTAGGTCGCC 16

RESULT 1357
ACCS9641/C
ID ACCS9641 standard; DNA; 17 BP.
XX AC ACCS9641;
XX DT 08-SEP-2003 (first entry)
XX DE Human erythropoietin gene PCR primer #4.
XX KW Human; erythropoietin; cell culture process; vector; PCR; primer; ss;
XX KW EPO; recombinant protein production.
XX OS Homo sapiens.
XX PN WO2003045995-A2.
XX

PD 05-JUN-2003.
XX PF 26-NOV-2002; 2002WO-EP013298.
XX PR 28-NOV-2001; 2001US-0333867P.
XX PA (BIOC) BIOCHEMIE GMBH.
XX PI Zeng S, Bogner F, Kunert R, Mueller D, Unterluggauer F;
XX WPI; 2003-493398/46.
XX DR Producing a recombinant polypeptide of interest comprises providing a
XX PT transformed eukaryotic host cell and a serum-free culture medium and
XX PT culturing the transformed eukaryotic host cell in the culture medium.
XX PS Example 1; Page 27; 54pp; English.
XX CC The present invention relates to a method of producing a recombinant
XX CC polypeptide of interest, which comprises using a cost effective medium
XX CC that does not contain serum or any functional (and/or recombinant) full-
XX CC length protein. The medium comprises water, plant-derived peptone,
XX CC osmolality regulator, buffer, energy source, amino acids, lipid source or
XX CC precursor, source of iron, non-ferrous metal ions and one or more
XX CC vitamins and cofactors. An example of a protein of interest is human
XX CC erythropoietin (EPO). The method is useful for producing recombinant
XX CC proteins of interest. The present sequence is an oligonucleotide used in
XX CC the exemplification of the invention
XX SQ Sequence 17 BP; 6 A; 6 C; 2 G; 3 T; 0 U; 0 Other;

Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.9e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 974 AAATCTGGTGTATGGG 989
Db 17 AACTTGGTGTCTGGG 2

RESULT 1358
ACCS9678/C
ID ACCS9678 standard; DNA; 17 BP.
XX AC ACCS9678;
XX DT 08-SEP-2003 (first entry)
XX DE Human erythropoietin gene PCR primer #4.
XX KW Human; erythropoietin; recombinant protein production; vector; EPO;
XX KW host cell line; PCR; primer; ss.
XX OS Homo sapiens.
XX PN WO2003045996-A1.
XX PD 05-JUN-2003.
XX PF 26-NOV-2002; 2002WO-EP013299.
XX PR 28-NOV-2001; 2001US-0333839P.
XX PA (BIOC) BIOCHEMIE GMBH.
XX PI Alliger P, Palma N;
XX DR WPI; 2003-505187/47.
XX PT Recovering and purifying recombinant human erythropoietin (rhEpo) from a
XX PT cell culture medium comprising host cells by the removing host cells,
XX PT cellular constituents or debris and subjecting one or more fractions
XX PT which contain rhEpo.

XX
PS Example 1; Page 26; 58pp; English.

CC The present invention relates to a method of recovering and purifying
CC recombinant human erythropoietin (rhEpo) from a cell culture medium
CC having host cells comprising removing host cells, cellular constituents
CC and debris from the cell culture medium by performing a procedure
CC comprising centrifugation followed by a depth filtration step and
CC centrifugation. The method is useful for recovering and purifying rhEpo
CC from a cell culture medium. The present sequence is an oligonucleotide
CC shown in the exemplification of the invention

XX
SQ Sequence 17 BP; 6 A; 6 C; 2 G; 3 T; 0 U; 0 Other;

Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.9e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 974 AAATCTGGTGTATGGG 989
DB 17 AACTTGGGTCTGGG 2

RESULT 1359
ABT36125
ID ABT36125 standard; DNA; 17 BP.

XX
AC ABT36125;
DT
DT 12-JUN-2003 (first entry)
XX
DE Tumour suppression related human fukutin oligo SEQ ID No 1762.

XX Cytostatic; virucide; neuroprotective; nootropic; neuroleptic; gene chip;
KW antisense; sense; tumour; cell degeneration; cancer; Alzheimer's disease;
KW schizophrenia; protein chip; Gene therapy; tumour suppression;
KW human fukutin; ds.

XX Homo sapiens.
OS
XX WO2003025175-A2.
PN
XX 27-MAR-2003.
PD
XX 17-SEP-2002; 2002WO-IB004208.
PF
XX 17-SEP-2001; 2001FR-00011978.
PR
XX (MOLE-) MOLECULAR ENGINES LAB.
PA
XX Telerman A, Amson R, Tuijnder M;
PI
XX WPI; 2003-313353/30.
DR
XX New isolated nucleic acid, useful for treating viral diseases associated
PT with tumors and cell degeneration, also related polypeptides, antibodies
PT and transfected cells.

XX Disclosure; Page 239; 720pp; French.

XX The invention relates to a novel isolated 17 mer nucleic acid sequence,
CC given in the specification, a sequence containing at least 15 consecutive
CC nucleotides from the 17 mer sequence, a sequence with, after optimal
CC alignment, at least 80 % identity to the 17 mer sequence, a sequence that
CC hybridizes to them under highly stringent conditions, or the complement
CC of any of them, or the corresponding RNA. The novel isolated nucleic
CC acids of the invention are useful as probes and primers for detecting,
CC identifying, quantifying and/or amplifying a nucleic acid, e.g. as one
CC component of a gene chip, in vitro as (anti)sense reagents, and for
CC production of recombinant polypeptides. Any of the nucleic acids,
CC polypeptides, vectors containing the nucleic acids, cells containing the
CC vector or antibodies directed against the polypeptides are useful for
CC preparation of pharmaceuticals for prevention and/or treatment of viral
CC diseases that are characterised by development of tumours or cell
CC degeneration, specifically cancer but also Alzheimer's disease and

CC diseases that are characterised by development of tumours or cell
CC degeneration, specifically cancer but also Alzheimer's disease and
CC schizophrenia. Analysis of the expression of the 17 mer nucleic acids in
CC patient samples is useful for diagnosis and/or prognosis of these
CC diseases. The polypeptides can also be used to generate antibodies, and
CC both the polypeptide and antibodies are useful as components of protein
CC chips. The nucleic acid sequences of the invention can be used in gene
CC therapy. This polynucleotide sequence represents a tumour suppression
CC related human fukutin oligonucleotide of the invention

XX
SQ Sequence 17 BP; 2 A; 1 C; 5 G; 9 T; 0 U; 0 Other;

Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.9e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 976 ATCTGGTGTATGGTA 991
DB 2 ATCTGGTGTATGGTA 17

RESULT 1360
ABT39970
ID ABT39970 standard; DNA; 17 BP.

XX
AC ABT39970;
DT
DT 13-JUN-2003 (first entry)
XX
DE Tumour suppression related human fukutin oligo SEQ ID No 5607.

XX Cytostatic; virucide; neuroprotective; nootropic; neuroleptic; gene chip;
KW antisense; sense; tumour; cell degeneration; cancer; Alzheimer's disease;
KW schizophrenia; protein chip; Gene therapy; tumour suppression;
KW human fukutin; ds.

XX Homo sapiens.
OS
XX WO2003025175-A2.
PN
XX 27-MAR-2003.
PD
XX 17-SEP-2002; 2002WO-IB004208.
PF
XX 17-SEP-2001; 2001FR-00011978.
PR
XX (MOLE-) MOLECULAR ENGINES LAB.
PA
XX Telerman A, Amson R, Tuijnder M;
PI
XX WPI; 2003-313353/30.
DR
XX New isolated nucleic acid, useful for treating viral diseases associated
PT with tumors and cell degeneration, also related polypeptides, antibodies
PT and transfected cells.

XX Disclosure; Page 689; 720pp; French.

XX The invention relates to a novel isolated 17 mer nucleic acid sequence,
CC given in the specification, a sequence containing at least 15 consecutive
CC nucleotides from the 17 mer sequence, a sequence with, after optimal
CC alignment, at least 80 % identity to the 17 mer sequence, a sequence that
CC hybridizes to them under highly stringent conditions, or the complement
CC of any of them, or the corresponding RNA. The novel isolated nucleic
CC acids of the invention are useful as probes and primers for detecting,
CC identifying, quantifying and/or amplifying a nucleic acid, e.g. as one
CC component of a gene chip, in vitro as (anti)sense reagents, and for
CC production of recombinant polypeptides. Any of the nucleic acids,
CC polypeptides, vectors containing the nucleic acids, cells containing the
CC vector or antibodies directed against the polypeptides are useful for
CC preparation of pharmaceuticals for prevention and/or treatment of viral
CC diseases that are characterised by development of tumours or cell
CC degeneration, specifically cancer but also Alzheimer's disease and

CC schizophrenia. Analysis of the expression of the 17 mer nucleic acids in
CC patient samples is useful for diagnosis and/or prognosis of these
CC diseases. The polypeptides can also be used to generate antibodies, and
CC both the polypeptide and antibodies are useful as components of protein
CC chips. The nucleic acid sequences of the invention can be used in gene
CC therapy. This polynucleotide sequence represents a tumour suppression
CC related human fukutin oligonucleotide of the invention
CC
XX
SQ Sequence 17 BP; 6 A; 2 C; 2 G; 7 T; 0 U; 0 Other;
Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.9e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 909 GATCAGATTATCATCA 924
||||| ||||| |||||
Db 1 GATCTGATTATATCA 16
RESULT 1361
ABT39992
ID ABT39992 standard; DNA; 17 BP.
XX
AC ABT39992;
XX
DT 13-JUN-2003 (first entry)
XX
DE Tumour suppression related human fukutin oligo SEQ ID No 5629.
XX
KW Cytostatic; virucide; neuroprotective; nootropic; neuroleptic; gene chip;
KW antisense; sense; tumour; cell degeneration; cancer; Alzheimer's disease;
KW schizophrenia; protein chip; gene therapy; tumour suppression;
KW human fukutin; ds.
XX
OS Homo sapiens.
XX
PN WO2003025175-A2.
XX
PD 27-MAR-2003.
XX
PF 17-SEP-2002; 2002WO-IB004208.
XX
PR 17-SEP-2001; 2001FR-00011978.
XX
PA (MOLE-) MOLECULAR ENGINES LAB.
XX
PI Telerman A, Amson R, Tuijnder M;
XX
DR WPI; 2003-313353/30.
XX
PT New isolated nucleic acid, useful for treating viral diseases associated
PT with tumors and cell degeneration, also related polypeptides, antibodies
PT and transfected cells.
XX
PS Disclosure; Page 692; 720pp; French.
XX
CC The invention relates to a novel isolated 17 mer nucleic acid sequence,
CC given in the specification, a sequence containing at least 15 consecutive
CC nucleotides from the 17 mer sequence, a sequence with, after optimal
CC alignment, at least 80 % identity to the 17 mer sequence, a sequence that
CC hybridizes to them under highly stringent conditions, or the complement
CC of any of them, or the corresponding RNA. The novel isolated nucleic
CC acids of the invention are useful as probes and primers for detecting,
CC identifying, quantifying and/or amplifying a nucleic acid, e.g. as one
CC component of a gene chip, in vitro as (anti)sense reagents, and for
CC production of recombinant polypeptides. Any of the nucleic acids,
CC polypeptides, vectors containing the nucleic acids, cells containing the
CC vector or antibodies directed against the polypeptides are useful for
CC preparation of pharmaceuticals for prevention and/or treatment of viral
CC diseases that are characterised by development of tumours or cell
CC degeneration, specifically cancer but also Alzheimer's disease and
CC patient samples is useful for diagnosis and/or prognosis of these
CC schizophrenia. Analysis of the expression of the 17 mer nucleic acids in
CC patient samples is useful for diagnosis and/or prognosis of these

CC diseases. The polypeptides can also be used to generate antibodies, and
CC both the polypeptide and antibodies are useful as components of protein
CC chips. The nucleic acid sequences of the invention can be used in gene
CC therapy. This polynucleotide sequence represents a tumour suppression
CC related human fukutin oligonucleotide of the invention
CC
XX
SQ Sequence 17 BP; 6 A; 4 C; 3 G; 4 T; 0 U; 0 Other;
Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.9e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 909 GATCAGATTATCATCA 924
||||| ||||| |||||
Db 1 GATCAGAATTTCACCA 16
RESULT 1362
ABT40051
ID ABT40051 standard; DNA; 17 BP.
XX
AC ABT40051;
XX
DT 13-JUN-2003 (first entry)
XX
DE Tumour suppression related human fukutin oligo SEQ ID No 5688.
XX
KW Cytostatic; virucide; neuroprotective; nootropic; neuroleptic; gene chip;
KW antisense; sense; tumour; cell degeneration; cancer; Alzheimer's disease;
KW schizophrenia; protein chip; gene therapy; tumour suppression;
KW human fukutin; ds.
XX
OS Homo sapiens.
XX
PN WO2003025175-A2.
XX
PD 27-MAR-2003.
XX
PF 17-SEP-2002; 2002WO-IB004208.
XX
PR 17-SEP-2001; 2001FR-00011978.
XX
PA (MOLE-) MOLECULAR ENGINES LAB.
XX
PI Telerman A, Amson R, Tuijnder M;
XX
DR WPI; 2003-313353/30.
XX
PT New isolated nucleic acid, useful for treating viral diseases associated
PT with tumors and cell degeneration, also related polypeptides, antibodies
PT and transfected cells.
XX
PS Disclosure; Page 698; 720pp; French.
XX
CC The invention relates to a novel isolated 17 mer nucleic acid sequence,
CC given in the specification, a sequence containing at least 15 consecutive
CC nucleotides from the 17 mer sequence, a sequence with, after optimal
CC alignment, at least 80 % identity to the 17 mer sequence, a sequence that
CC hybridizes to them under highly stringent conditions, or the complement
CC of any of them, or the corresponding RNA. The novel isolated nucleic
CC acids of the invention are useful as probes and primers for detecting,
CC identifying, quantifying and/or amplifying a nucleic acid, e.g. as one
CC component of a gene chip, in vitro as (anti)sense reagents, and for
CC production of recombinant polypeptides. Any of the nucleic acids,
CC polypeptides, vectors containing the nucleic acids, cells containing the
CC vector or antibodies directed against the polypeptides are useful for
CC preparation of pharmaceuticals for prevention and/or treatment of viral
CC diseases that are characterised by development of tumours or cell
CC degeneration, specifically cancer but also Alzheimer's disease and
CC patient samples is useful for diagnosis and/or prognosis of these
CC schizophrenia. Analysis of the expression of the 17 mer nucleic acids in
CC patient samples is useful for diagnosis and/or prognosis of these

CC chips. The nucleic acid sequences of the invention can be used in gene
 CC therapy. This polynucleotide sequence represents a tumour suppression
 CC related human fukutin oligonucleotide of the invention
 XX
 SQ Sequence 17 BP; 8 A; 2 C; 1 G; 6 T; 0 U; 0 Other;
 Query Match 3.9%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 7.9e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
 QY 909 GATCAGATTATCATCA 924
 Db 1 GATCAGATTATTA 16
 RESULT 1363
 ABT40149
 ID ABT40149 standard; DNA; 17 BP.
 XX AC
 AC ABT40149;
 XX
 DT 13-JUN-2003 (first entry)
 XX
 DE Tumour suppression related human fukutin oligo SEQ ID No 5786.
 XX
 KW Cytostatic; virucide; neuroprotective; nootropic; neuroleptic; gene chip;
 KW antisense; sense; tumour; cell degeneration; cancer; Alzheimer's disease;
 KW schizophrenia; protein chip; gene therapy; tumour suppression;
 KW human fukutin; ds.
 XX
 OS Homo sapiens.
 XX
 PN WO2003025175-A2.
 XX
 PD 27-MAR-2003.
 XX
 PF 17-SEP-2002; 2002WO-IB004208.
 XX
 PR 17-SEP-2001; 2001FR-00011978.
 XX
 PA (MOLE-) MOLECULAR ENGINES LAB.
 XX
 PI Telerman A, Amson R, Tuijnder M;
 XX
 DR WPI; 2003-313353/30.
 XX
 PT New isolated nucleic acid, useful for treating viral diseases associated
 PT with tumors and cell degeneration, also related polypeptides, antibodies
 PT and transfected cells.
 XX
 PS Disclosure; Page 710; 720pp; French.
 XX
 CC The invention relates to a novel isolated 17 mer nucleic acid sequence,
 CC given in the specification, a sequence containing at least 15 consecutive
 CC nucleotides from the 17 mer sequence, a sequence with, after optimal
 CC alignment, at least 80 % identity to the 17 mer sequence, a sequence that
 CC hybridizes to them under highly stringent conditions, or the complement
 CC of any of them, or the corresponding RNA. The novel isolated nucleic
 CC acids of the invention are useful as probes and primers for detecting,
 CC identifying, quantifying and/or amplifying a nucleic acid, e.g. as one
 CC component of a gene chip, in vitro as (anti)sense reagents, and for
 CC production of recombinant polypeptides. Any of the nucleic acids,
 CC polypeptides, vectors containing the nucleic acids, cells containing the
 CC vector or antibodies directed against the polypeptides are useful for
 CC preparation of pharmaceuticals for prevention and/or treatment of viral
 CC diseases that are characterised by development of tumours or cell
 CC degeneration, specifically cancer but also Alzheimer's disease and
 CC schizophrenia. Analysis of the expression of the 17 mer nucleic acids in
 CC patient samples is useful for diagnosis and/or prognosis of these
 CC diseases. The polypeptides can also be used to generate antibodies, and
 CC both the polypeptide and antibodies are useful as components of protein
 CC chips. The nucleic acid sequences of the invention can be used in gene
 CC therapy. This polynucleotide sequence represents a tumour suppression

CC related human fukutin oligonucleotide of the invention
 XX
 SQ Sequence 17 BP; 5 A; 8 C; 1 G; 3 T; 0 U; 0 Other;
 Query Match 3.9%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 7.9e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
 QY 914 GATTATCATCACCACC 929
 Db 1 GATCAACCTCACCACC 16
 RESULT 1364
 ABT36877
 ID ABT36877 standard; DNA; 17 BP.
 XX AC
 AC ABT36877;
 XX
 DT 12-JUN-2003 (first entry)
 XX
 DE Tumour suppression related human fukutin oligo SEQ ID No 2514.
 XX
 KW Cytostatic; virucide; neuroprotective; nootropic; neuroleptic; gene chip;
 KW antisense; sense; tumour; cell degeneration; cancer; Alzheimer's disease;
 KW schizophrenia; protein chip; gene therapy; tumour suppression;
 KW human fukutin; ds.
 XX
 OS Homo sapiens.
 XX
 PN WO2003025175-A2.
 XX
 PD 27-MAR-2003.
 XX
 PF 17-SEP-2002; 2002WO-IB004208.
 XX
 PR 17-SEP-2001; 2001FR-00011978.
 XX
 PA (MOLE-) MOLECULAR ENGINES LAB.
 XX
 PI Telerman A, Amson R, Tuijnder M;
 XX
 DR WPI; 2003-313353/30.
 XX
 PT New isolated nucleic acid, useful for treating viral diseases associated
 PT with tumors and cell degeneration, also related polypeptides, antibodies
 PT and transfected cells.
 XX
 PS Disclosure; Page 326; 720pp; French.
 XX
 CC The invention relates to a novel isolated 17 mer nucleic acid sequence,
 CC given in the specification, a sequence containing at least 15 consecutive
 CC nucleotides from the 17 mer sequence, a sequence with, after optimal
 CC alignment, at least 80 % identity to the 17 mer sequence, a sequence that
 CC hybridizes to them under highly stringent conditions, or the complement
 CC of any of them, or the corresponding RNA. The novel isolated nucleic
 CC acids of the invention are useful as probes and primers for detecting,
 CC identifying, quantifying and/or amplifying a nucleic acid, e.g. as one
 CC component of a gene chip, in vitro as (anti)sense reagents, and for
 CC production of recombinant polypeptides. Any of the nucleic acids,
 CC polypeptides, vectors containing the nucleic acids, cells containing the
 CC vector or antibodies directed against the polypeptides are useful for
 CC preparation of pharmaceuticals for prevention and/or treatment of viral
 CC diseases that are characterised by development of tumours or cell
 CC degeneration, specifically cancer but also Alzheimer's disease and
 CC schizophrenia. Analysis of the expression of the 17 mer nucleic acids in
 CC patient samples is useful for diagnosis and/or prognosis of these
 CC diseases. The polypeptides can also be used to generate antibodies, and
 CC both the polypeptide and antibodies are useful as components of protein
 CC chips. The nucleic acid sequences of the invention can be used in gene
 CC therapy. This polynucleotide sequence represents a tumour suppression
 CC related human fukutin oligonucleotide of the invention
 XX

SQ Sequence 17 BP; 2 A; 13 C; 1 G; 1 T; 0 U; 0 Other;
Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.9e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 921 ATCACCACCCCTCC 936
|||||
Db 2 ATCACCCCTCCCTCC 17

RESULT 1366
ABT39342/c
ID ABT39342 standard; DNA; 17 BP.
XX
AC ABT39342;
XX
DT 12-JUN-2003 (first entry)
XX
DE Tumour suppression related human fukutin oligo SEQ ID No 4979.
XX
KW Cytostatic; virucide; neuroprotective; nootropic; neuroleptic; gene chip;
KW antisense; sense; tumour; cell degeneration; cancer; Alzheimer's disease;
KW schizophrenia; protein chip; gene therapy; tumour suppression;
KW human fukutin; ds.
XX
OS Homo sapiens.
XX
PN WO2003025175-A2.
XX
PD 27-MAR-2003.
XX
PF 17-SEP-2002; 2002WO-IB004208.
XX
PR 17-SEP-2001; 2001FR-00011978.
XX
PA (MOLE-) MOLECULAR ENGINES LAB.
XX
PI Telerman A, Amson R, Tuijnder M;
XX
PI WPI; 2003-313353/30.
XX
DR New isolated nucleic acid, useful for treating viral diseases associated
XX with tumors and cell degeneration, also related polypeptides, antibodies
XX and transfected cells.
XX
PS Disclosure; Page 616; 720pp; French.
XX
CC The invention relates to a novel isolated 17 mer nucleic acid sequence,
CC given in the specification, a sequence containing at least 15 consecutive
CC nucleotides from the 17 mer sequence, a sequence with, after optimal
CC alignment, at least 80 % identity to the 17 mer sequence, a sequence that
CC hybridizes to them under highly stringent conditions, or the complement
CC of any of them, or the corresponding RNA. The novel isolated nucleic
CC acids of the invention are useful as probes and primers for detecting,
CC identifying, quantifying and/or amplifying a nucleic acid, e.g. as one
CC component of a gene chip, in vitro as (anti)sense reagents, and for
CC production of recombinant polypeptides. Any of the nucleic acids,
CC vector or antibodies directed against the nucleic acids, cells containing the
CC diseases that are characterised by development of tumours or cell
CC degeneration, specifically cancer but also Alzheimer's disease and
CC schizophrenia. Analysis of the expression of the 17 mer nucleic acids in
CC patient samples is useful for diagnosis and/or prognosis of these
CC diseases. The polypeptides can also be used to generate antibodies, and
CC both the polypeptide and antibodies are useful as components of protein
CC chips. The nucleic acid sequences of the invention can be used in gene
CC therapy. This polynucleotide sequence represents a tumour suppression
CC related human fukutin oligonucleotide of the invention
XX
SQ Sequence 17 BP; 3 A; 6 C; 3 G; 5 T; 0 U; 0 Other;
Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.9e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 790 CTGGTCCCAAGAGCTC 805
|||||
Db 16 CTGGTCCGAAAGATC 1

RESULT 1366
ABT35128/c
ID ABT35128 standard; DNA; 17 BP.
XX
AC ABT35128;
XX
DT 12-JUN-2003 (first entry)
XX
DE Tumour suppression related human fukutin oligo SEQ ID No 765.
XX
KW Cytostatic; virucide; neuroprotective; nootropic; neuroleptic; gene chip;
KW antisense; sense; tumour; cell degeneration; cancer; Alzheimer's disease;
KW schizophrenia; protein chip; gene therapy; tumour suppression;
KW human fukutin; ds.
XX
OS Homo sapiens.
XX
PN WO2003025175-A2.
XX
PD 27-MAR-2003.
XX
PF 17-SEP-2002; 2002WO-IB004208.
XX
PR 17-SEP-2001; 2001FR-00011978.
XX
PA (MOLE-) MOLECULAR ENGINES LAB.
XX
PI Telerman A, Amson R, Tuijnder M;
XX
PI WPI; 2003-313353/30.
XX
DR New isolated nucleic acid, useful for treating viral diseases associated
XX with tumors and cell degeneration, also related polypeptides, antibodies
XX and transfected cells.
XX
PS Disclosure; Page 122; 720pp; French.
XX
CC The invention relates to a novel isolated 17 mer nucleic acid sequence,
CC given in the specification, a sequence containing at least 15 consecutive
CC nucleotides from the 17 mer sequence, a sequence with, after optimal
CC alignment, at least 80 % identity to the 17 mer sequence, a sequence that
CC hybridizes to them under highly stringent conditions, or the complement
CC of any of them, or the corresponding RNA. The novel isolated nucleic
CC acids of the invention are useful as probes and primers for detecting,
CC identifying, quantifying and/or amplifying a nucleic acid, e.g. as one
CC component of a gene chip, in vitro as (anti)sense reagents, and for
CC production of recombinant polypeptides. Any of the nucleic acids,
CC vector or antibodies directed against the nucleic acids, cells containing the
CC diseases that are characterised by development of tumours or cell
CC degeneration, specifically cancer but also Alzheimer's disease and
CC schizophrenia. Analysis of the expression of the 17 mer nucleic acids in
CC patient samples is useful for diagnosis and/or prognosis of these
CC diseases. The polypeptides can also be used to generate antibodies, and
CC both the polypeptide and antibodies are useful as components of protein
CC chips. The nucleic acid sequences of the invention can be used in gene
CC therapy. This polynucleotide sequence represents a tumour suppression
CC related human fukutin oligonucleotide of the invention
XX
SQ Sequence 17 BP; 2 A; 7 C; 4 G; 4 T; 0 U; 0 Other;
Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.9e+02;

Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 775 CTGAGGGCAGCCCTC 790
 DB 16 CTGAGGGCAGCAGATC 1

RESULT 1367
 ABT36417
 ID ABT36417 standard; DNA; 17 BP.
 XX
 AC ABT36417;
 XX
 DT 12-JUN-2003 (first entry)
 XX
 DE Tumour suppression related human fukutin oligo SEQ ID No 2054.
 XX
 KW Cytostatic; virucide; neuroprotective; nootropic; neuroleptic; gene chip;
 KW antisense; sense; tumour; cell degeneration; cancer; Alzheimer's disease;
 KW schizophrenia; protein chip; gene therapy; tumour suppression;
 KW human fukutin; ds.
 XX
 OS Homo sapiens.
 XX
 PN WO2003025175-A2.
 XX
 PD 27-MAR-2003.
 XX
 PF 17-SEP-2002; 2002WO-IB004208.
 XX
 PR 17-SEP-2001; 2001FR-00011978.
 XX
 PA (MOLE-) MOLECULAR ENGINES LAB.
 XX
 PI Telerman A, Amson R, Tuijnder M;
 XX
 DR WPI; 2003-313353/30.
 XX
 PT New isolated nucleic acid, useful for treating viral diseases associated
 PT with tumors and cell degeneration, also related polypeptides, antibodies
 PT and transfected cells.
 XX
 PS Disclosure; Page 273; 720pp; French.
 XX
 CC The invention relates to a novel isolated 17 mer nucleic acid sequence,
 CC given in the specification, a sequence containing at least 15 consecutive
 CC nucleotides from the 17 mer sequence, a sequence with, after optimal
 CC alignment, at least 80 % identity to the 17 mer sequence, a sequence that
 CC hybridizes to them under highly stringent conditions, or the complement
 CC of any of them, or the corresponding RNA. The novel isolated nucleic
 CC acids of the invention are useful as probes and primers for detecting,
 CC identifying, quantifying and/or amplifying a nucleic acid, e.g. as one
 CC component of a gene chip, in vitro as (anti)sense reagents, and for
 CC production of recombinant polypeptides. Any of the nucleic acids,
 CC polypeptides, vectors containing the nucleic acids, cells containing the
 CC vector or antibodies directed against the polypeptides are useful for
 CC preparation of pharmaceuticals for prevention and/or treatment of viral
 CC diseases that are characterised by development of tumours or cell
 CC degeneration, specifically cancer but also Alzheimer's disease and
 CC schizophrenia. Analysis of the expression of the 17 mer nucleic acids in
 CC patient samples is useful for diagnosis and/or prognosis of these
 CC diseases. The polypeptides can also be used to generate antibodies, and
 CC both the polypeptide and antibodies are useful as components of protein
 CC chips. The nucleic acid sequences of the invention can be used in gene
 CC therapy. This polynucleotide sequence represents a tumour suppression
 CC related human fukutin oligonucleotide of the invention

QY Sequence 17 BP; 6 A; 2 C; 3 G; 6 T; 0 U; 0 Other;
 SQ Query Match 3.9%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 7.9e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 909 GATCAGATTATCATCA 924
 DB 1 GATCAGATTITGAACA 16

RESULT 1368
 ABT37501/c
 ID ABT37501 standard; DNA; 17 BP.
 XX
 AC ABT37501;
 XX
 DT 12-JUN-2003 (first entry)
 XX
 DE Tumour suppression related human fukutin oligo SEQ ID No 3138.
 XX
 KW Cytostatic; virucide; neuroprotective; nootropic; neuroleptic; gene chip;
 KW antisense; sense; tumour; cell degeneration; cancer; Alzheimer's disease;
 KW schizophrenia; protein chip; gene therapy; tumour suppression;
 KW human fukutin; ds.
 XX
 OS Homo sapiens.
 XX
 PN WO2003025175-A2.
 XX
 PD 27-MAR-2003.
 XX
 PF 17-SEP-2002; 2002WO-IB004208.
 XX
 PR 17-SEP-2001; 2001FR-00011978.
 XX
 PA (MOLE-) MOLECULAR ENGINES LAB.
 XX
 PI Telerman A, Amson R, Tuijnder M;
 XX
 DR WPI; 2003-313353/30.
 XX
 PT New isolated nucleic acid, useful for treating viral diseases associated
 PT with tumors and cell degeneration, also related polypeptides, antibodies
 PT and transfected cells.
 XX
 PS Disclosure; Page 400; 720pp; French.
 XX
 CC The invention relates to a novel isolated 17 mer nucleic acid sequence,
 CC given in the specification, a sequence containing at least 15 consecutive
 CC nucleotides from the 17 mer sequence, a sequence with, after optimal
 CC alignment, at least 80 % identity to the 17 mer sequence, a sequence that
 CC hybridizes to them under highly stringent conditions, or the complement
 CC of any of them, or the corresponding RNA. The novel isolated nucleic
 CC acids of the invention are useful as probes and primers for detecting,
 CC identifying, quantifying and/or amplifying a nucleic acid, e.g. as one
 CC component of a gene chip, in vitro as (anti)sense reagents, and for
 CC production of recombinant polypeptides. Any of the nucleic acids,
 CC polypeptides, vectors containing the nucleic acids, cells containing the
 CC vector or antibodies directed against the polypeptides are useful for
 CC preparation of pharmaceuticals for prevention and/or treatment of viral
 CC diseases that are characterised by development of tumours or cell
 CC degeneration, specifically cancer but also Alzheimer's disease and
 CC schizophrenia. Analysis of the expression of the 17 mer nucleic acids in
 CC patient samples is useful for diagnosis and/or prognosis of these
 CC diseases. The polypeptides can also be used to generate antibodies, and
 CC both the polypeptide and antibodies are useful as components of protein
 CC chips. The nucleic acid sequences of the invention can be used in gene
 CC therapy. This polynucleotide sequence represents a tumour suppression
 CC related human fukutin oligonucleotide of the invention

QY Sequence 17 BP; 3 A; 3 C; 9 G; 2 T; 0 U; 0 Other;
 SQ Query Match 3.9%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 7.9e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Matches 12; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 757 GTCCCTAGGCTCCAC 772
 Db 1 GACCCCGGGCCUCCAC 16

RESULT 1375
 ACA06766
 ID ACA06766 standard; RNA; 17 BP.
 XX AC
 AC ACA06766;
 DT 03-JUN-2003 (first entry)
 XX NFkB sub-unit modulating inozyme substrate #585.

XX Enzymatic nucleic acid; nuclear factor kappa B; NFkB; inozyme; zinzyme;
 KW G-cleaver; amberyzyme; cancer; REL-A activity; breast cancer; human;
 KW lung cancer; prostate cancer; colorectal cancer; brain cancer;
 KW oesophageal cancer; stomach cancer; bladder cancer; pancreatic cancer;
 KW cervical cancer; head and neck cancer; ovarian cancer; melanoma;
 KW lymphoma; glioma; multidrug resistant cancer; REL-A-specific inhibitor;
 KW chemotherapy; paclitaxel; docetaxel; cisplatin; methotrexate;
 KW cyclophosphamide; doxorubin; fluorouracil carboplatin; edatrexate;
 KW gencitabine; radiation therapy; inflammatory disease; asthma; diabetes;
 KW rheumatoid arthritis; restenosis; Crohn's disease; obesity; ischaemia;
 KW gene therapy; autoimmune disease; lupus; multiple sclerosis; sepsis;
 KW transplant/graft rejection; reperfusion injury; glomerulonephritis;
 KW allergic airway inflammation; inflammatory bowel disease; infection; ss.

XX Homo sapiens.
 XX US2002177568-A1.
 XX 28-NOV-2002.
 XX 23-MAY-2001; 2001US-00864785.
 XX 07-DEC-1992; 92US-00987132.
 XX 18-MAY-1994; 94US-00245466.
 PR 15-AUG-1994; 94US-00291932.
 PR 23-DEC-1996; 96US-00777916.
 XX (STIN/) STINCHOMB D T.
 PA (MCSW/) MCSWIGGEN J.
 PA (DRAP/) DRAPER K G.
 XX Stinchcomb DT, Mcswiggen J, Draper KG;
 DR WPI; 2003-340953/32.
 XX Novel enzymatic nucleic acid molecules which down regulates expression of
 PT a sequence encoding a subunit of nuclear factor kappa B useful for
 PT treating cancer, inflammatory disorders and autoimmune diseases.
 XX Claim 3; Page 35; 72pp; English.

XX The invention describes an enzymatic nucleic acid molecule (I) which down
 CC regulates expression of a sequence encoding a subunit of nuclear factor
 CC kappa B (NFkB), where (I) is an inozyme, zinzyme, G-cleaver or amberyzyme
 CC configuration. The enzymatic nucleic acid molecule is adapted to treat
 CC cancer and is useful for down-regulating REL-A activity in a cell, for
 CC treating a patient having a condition associated with the level of REL-A.
 CC (I) is useful for cleaving RNA comprising a sequence of REL-A gene, in
 CC the presence of a divalent cation, especially Mg²⁺. The enzymatic and
 CC antisense nucleic acid molecules are useful for treating breast, lung,
 CC prostate, colorectal, brain, oesophageal, stomach, bladder, pancreatic,
 CC cervical, head and neck, ovarian cancer, melanoma, lymphoma, glioma or
 CC multidrug resistant cancer. The method involves use of other drug
 CC therapies such as monoclonal antibodies, REL-A-specific inhibitors or
 CC chemotherapy including paclitaxel, docetaxel, cisplatin, methotrexate,
 CC cyclophosphamide, doxorubin, fluorouracil carboplatin, edatrexate,

CC gencitabine or radiation therapy. The enzymatic and antisense nucleic
 CC acid molecules are also useful for treating inflammatory disease such as
 CC rheumatoid arthritis, restenosis, asthma, Crohn's disease, diabetes,
 CC obesity, autoimmune disease, lupus, multiple sclerosis, transplant/graft
 CC rejection, gene therapy applications, ischaemia/reperfusion injury
 CC (central nervous system (CNS) and myocardial), glomerulonephritis,
 CC sepsis, allergic airway inflammation, inflammatory bowel disease or
 CC infection. This sequence represents the substrate of a novel enzymatic
 CC nucleic acid molecule

XX Sequence 17 BP; 3 A; 10 C; 1 G; 0 T; 3 U; 0 Other;
 SQ Query Match 3.9%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 75.0%; Pred. No. 7.9e+02;
 Matches 12; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 923 CACCACACCTCCAG 938
 Db 2 CAUCCCAUCCUCCAG 17

RESULT 1376
 ACA06714/C
 ID ACA06714 standard; RNA; 17 BP.
 XX AC
 AC ACA06714;
 DT 03-JUN-2003 (first entry)
 XX NFkB sub-unit modulating inozyme substrate #533.

XX Enzymatic nucleic acid; nuclear factor kappa B; NFkB; inozyme; zinzyme;
 KW G-cleaver; amberyzyme; cancer; REL-A activity; breast cancer; human;
 KW lung cancer; prostate cancer; colorectal cancer; brain cancer;
 KW oesophageal cancer; stomach cancer; bladder cancer; pancreatic cancer;
 KW cervical cancer; head and neck cancer; ovarian cancer; melanoma;
 KW lymphoma; glioma; multidrug resistant cancer; REL-A-specific inhibitor;
 KW chemotherapy; paclitaxel; docetaxel; cisplatin; methotrexate;
 KW cyclophosphamide; doxorubin; fluorouracil carboplatin; edatrexate;
 KW gencitabine; radiation therapy; inflammatory disease; asthma; diabetes;
 KW rheumatoid arthritis; restenosis; Crohn's disease; obesity; ischaemia;
 KW gene therapy; autoimmune disease; lupus; multiple sclerosis; sepsis;
 KW transplant/graft rejection; reperfusion injury; glomerulonephritis;
 KW allergic airway inflammation; inflammatory bowel disease; infection; ss.

XX Homo sapiens.
 XX US2002177568-A1.
 XX 28-NOV-2002.
 XX 23-MAY-2001; 2001US-00864785.
 XX 07-DEC-1992; 92US-00987132.
 XX 18-MAY-1994; 94US-00245466.
 PR 15-AUG-1994; 94US-00291932.
 PR 23-DEC-1996; 96US-00777916.
 XX (STIN/) STINCHOMB D T.
 PA (MCSW/) MCSWIGGEN J.
 PA (DRAP/) DRAPER K G.
 XX Stinchcomb DT, Mcswiggen J, Draper KG;
 DR WPI; 2003-340953/32.
 XX Novel enzymatic nucleic acid molecules which down regulates expression of
 PT a sequence encoding a subunit of nuclear factor kappa B useful for
 PT treating cancer, inflammatory disorders and autoimmune diseases.
 XX Claim 3; Page 35; 72pp; English.

XX The invention describes an enzymatic nucleic acid molecule (I) which down

CC regulates expression of a sequence encoding a subunit of nuclear factor
CC kappa B (NFkB), where (I) is an inozyme, zinzyme, G-cleaver or amberzyme
CC configuration. The enzymatic nucleic acid molecule is adapted to treat
CC cancer and is useful for down-regulating REL-A activity in a cell, for
CC treating a patient having a condition associated with the level of REL-A.
CC (I) is useful for cleaving RNA comprising a sequence of REL-A gene, in
CC the presence of a divalent cation, especially Mg²⁺. The enzymatic and
CC antisense nucleic acid molecules are useful for treating breast, lung,
CC prostate, colorectal, brain, oesophageal, stomach, bladder, pancreatic,
CC cervical, head and neck, ovarian cancer, melanoma, lymphoma, glioma or
CC multidrug resistant cancer. The method involves use of other drug
CC therapies such as monoclonal antibodies, REL-A-specific inhibitors or
CC chemotherapeutic including paclitaxel, docetaxel, cisplatin, methotrexate,
CC cyclophosphamide, doxorubicin, fluorouracil carboplatin, edatrexate,
CC gemcitabine or radiation therapy. The enzymatic and antisense nucleic
CC acid molecules are also useful for treating inflammatory disease such as
CC rheumatoid arthritis, restenosis, asthma, Crohn's disease, diabetes,
CC obesity, autoimmune disease, lupus, multiple sclerosis, transplant/graft
CC rejection, gene therapy applications, ischaemia/reperfusion injury
CC (central nervous system (CNS) and myocardial), glomerulonephritis,
CC sepsis, allergic airway inflammation, inflammatory bowel disease or
CC infection. This sequence represents the substrate of a novel enzymatic
CC nucleic acid molecule
XX
SQ Sequence 17 BP; 4 A; 8 C; 2 G; 0 T; 3 U; 0 Other;
Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.9e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 858 TGGCTCCAGTTGGAC 873
DB 16 TGGGGGCGAGTTGGAC 1
RESULT 1377
ACA08989
ID ACA08989 standard; RNA; 17 BP.
AC ACA08989;
XX
DT 03-JUN-2003 (first entry)
XX
DE NFkB sub-unit modulating amberzyme substrate #152.
XX
KW Enzymatic nucleic acid; nuclear factor kappa B; NFkB; inozyme; zinzyme;
KW G-cleaver; amberzyme; cancer; REL-A activity; breast cancer; human;
KW lung cancer; prostate cancer; colorectal cancer; brain cancer;
KW oesophageal cancer; stomach cancer; bladder cancer; pancreatic cancer;
KW cervical cancer; head and neck cancer; ovarian cancer; melanoma;
KW lymphoma; glioma; multidrug resistant cancer; REL-A-specific inhibitor;
KW chemotherapeutic; paclitaxel; docetaxel; cisplatin; methotrexate;
KW cyclophosphamide; doxorubicin; fluorouracil carboplatin; edatrexate;
KW gemcitabine; radiation therapy; inflammatory disease; asthma; diabetes;
KW rheumatoid arthritis; restenosis; Crohn's disease; obesity; ischaemia;
KW gene therapy; autoimmune disease; lupus; multiple sclerosis; sepsis;
KW transplant/graft rejection; reperfusion injury; glomerulonephritis;
KW allergic airway inflammation; inflammatory bowel disease; infection; ss.
XX
OS Homo sapiens.
PN US2002177568-A1.
XX
PD 28-NOV-2002.
XX
PF 23-MAY-2001; 2001US-00864785.
PR 07-DEC-1992; 92US-00987132.
PR 18-MAY-1994; 94US-00245466.
PR 15-AUG-1994; 94US-00291932.
PR 23-DEC-1996; 96US-00777916.
XX
(STIN/) STINCHCOMB D T.

PA (MCSW/) MCSWIGGEN J.
PA (DRAP/) DRAPER K G.
XX
PI Stinchcomb DT, Meswigen J, Draper KG;
XX
XX WPI; 2003-340953/32.
XX
PT Novel enzymatic nucleic acid molecules which down regulates expression of
PT a sequence encoding a subunit of nuclear factor kappa B useful for
PT treating cancer, inflammatory disorders and autoimmune diseases.
XX
PS Claim 3; Page 53; 72pp; English.
XX
XX The invention describes an enzymatic nucleic acid molecule (I) which down
XX regulates expression of a sequence encoding a subunit of nuclear factor
XX kappa B (NFkB), where (I) is an inozyme, zinzyme, G-cleaver or amberzyme
XX configuration. The enzymatic nucleic acid molecule is adapted to treat
XX cancer and is useful for down-regulating REL-A activity in a cell, for
XX treating a patient having a condition associated with the level of REL-A.
XX (I) is useful for cleaving RNA comprising a sequence of REL-A gene, in
XX the presence of a divalent cation, especially Mg²⁺. The enzymatic and
XX antisense nucleic acid molecules are useful for treating breast, lung,
XX prostate, colorectal, brain, oesophageal, stomach, bladder, pancreatic,
XX cervical, head and neck, ovarian cancer, melanoma, lymphoma, glioma or
XX multidrug resistant cancer. The method involves use of other drug
XX therapies such as monoclonal antibodies, REL-A-specific inhibitors or
XX chemotherapeutic including paclitaxel, docetaxel, cisplatin, methotrexate,
XX cyclophosphamide, doxorubicin, fluorouracil carboplatin, edatrexate,
XX gemcitabine or radiation therapy. The enzymatic and antisense nucleic
XX acid molecules are also useful for treating inflammatory disease such as
XX rheumatoid arthritis, restenosis, asthma, Crohn's disease, diabetes,
XX obesity, autoimmune disease, lupus, multiple sclerosis, transplant/graft
XX rejection, gene therapy applications, ischaemia/reperfusion injury
XX (central nervous system (CNS) and myocardial), glomerulonephritis,
XX sepsis, allergic airway inflammation, inflammatory bowel disease or
XX infection. This sequence represents the substrate of a novel enzymatic
XX nucleic acid molecule
XX
SQ Sequence 17 BP; 2 A; 11 C; 3 G; 0 T; 1 U; 0 Other;
Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 7.9e+02;
Matches 12; Conservative 1; Mismatches 3; Indels 0; Gaps 0;
QY 757 GTCCCTAGGCTCCAC 772
DB 2 GACCCCGGCCCCAC 17
RESULT 1378
ACA07820/C
ID ACA07820 standard; RNA; 17 BP.
AC ACA07820;
XX
XX 03-JUN-2003 (first entry)
XX
DE NFkB sub-unit modulating zinzyme substrate #219.
XX
KW Enzymatic nucleic acid; nuclear factor kappa B; NFkB; inozyme; zinzyme;
KW G-cleaver; amberzyme; cancer; REL-A activity; breast cancer; human;
KW lung cancer; prostate cancer; colorectal cancer; brain cancer;
KW oesophageal cancer; stomach cancer; bladder cancer; pancreatic cancer;
KW cervical cancer; head and neck cancer; ovarian cancer; melanoma;
KW lymphoma; glioma; multidrug resistant cancer; REL-A-specific inhibitor;
KW chemotherapeutic; paclitaxel; docetaxel; cisplatin; methotrexate;
KW cyclophosphamide; doxorubicin; fluorouracil carboplatin; edatrexate;
KW gemcitabine; radiation therapy; inflammatory disease; asthma; diabetes;
KW rheumatoid arthritis; restenosis; Crohn's disease; obesity; ischaemia;
KW gene therapy; autoimmune disease; lupus; multiple sclerosis; sepsis;
KW transplant/graft rejection; reperfusion injury; glomerulonephritis;
KW allergic airway inflammation; inflammatory bowel disease; infection; ss.
XX

OS Homo sapiens.
 XX US2002177568-A1.
 PN
 XX 28-NOV-2002.
 PD
 XX
 XX 23-MAY-2001; 2001US-00864785.
 XX
 XX 07-DEC-1992; 92US-00987132.
 XX 18-MAY-1994; 94US-00245466.
 PR 15-AUG-1994; 94US-00291932.
 PR 23-DEC-1996; 96US-00777916.
 XX
 XX (STIN/) STINCHOMB D T.
 PA (MCSW/) MCSWIGGEN J.
 PA (DRAP/) DRAPER K G.
 XX
 XX Stinchcomb DT, Mcswiggen J, Draper KG;
 PI WPI; 2003-340953/32.
 XX
 XX Novel enzymatic nucleic acid molecules which down regulates expression of
 PT a sequence encoding a subunit of nuclear factor kappa B useful for
 PT treating cancer, inflammatory disorders and autoimmune diseases.
 XX
 XX Claim 3; Page 40; 72pp; English.
 XX
 XX The invention describes an enzymatic nucleic acid molecule (I) which down
 CC regulates expression of a sequence encoding a subunit of nuclear factor
 CC kappa B (NFkB), where (I) is an inozyme, zinzyme, G-cleaver or amberzyme
 CC configuration. The enzymatic nucleic acid molecule is adapted to treat
 CC cancer and is useful for down-regulating REL-A activity in a cell, for
 CC treating a patient having a condition associated with the level of REL-A.
 CC (I) is useful for cleaving RNA comprising a sequence of REL-A gene, in
 CC the presence of a divalent cation, especially Mg²⁺. The enzymatic and
 CC antisense nucleic acid molecules are useful for treating breast, lung,
 CC prostate, colorectal, brain, oesophageal, stomach, bladder, pancreatic,
 CC cervical, head and neck, ovarian cancer, melanoma, lymphoma, glioma or
 CC multidrug resistant cancer. The method involves use of other drug
 CC therapies such as monoclonal antibodies, REL-A-specific inhibitors or
 CC chemotherapies including paclitaxel, docetaxel, cisplatin, methotrexate,
 CC cyclophosphamide, doxorubicin, fluorouracil carboplatin, edatrexate,
 CC gemcitabine or radiation therapy. The enzymatic and antisense nucleic
 CC acid molecules are also useful for treating inflammatory disease such as
 CC rheumatoid arthritis, restenosis, asthma, Crohn's disease, diabetes,
 CC obesity, autoimmune disease, lupus, multiple sclerosis, transplant/graft
 CC rejection, gene therapy applications, ischaemia/reperfusion injury
 CC (central nervous system (CNS) and myocardial), glomerulonephritis,
 CC sepsis, allergic airway inflammation, inflammatory bowel disease or
 CC infection. This sequence represents the substrate of a novel enzymatic
 CC nucleic acid molecule
 XX
 XX Sequence 17 BP; 2 A; 3 C; 6 G; 0 T; 6 U; 0 Other;
 SQ
 Query Match 3.9%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 7.9e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
 QY 865 AGTTGGAAACATCTTC 880
 DB 17 AGTTGGAAACACCC 2
 RESULT 1379
 ACA06442
 ID ACA06442 standard; RNA; 17 BP.
 XX
 XX ACA06442;
 AC
 XX
 XX 03-JUN-2003 (first entry)
 DT
 XX NFkB sub-unit modulating inozyme substrate #261.
 DE
 XX

KW Enzymatic nucleic acid; nuclear factor kappa B; NFkB; inozyme; zinzyme;
 KW G-cleaver; amberzyme; cancer; REL-A activity; breast cancer; human;
 KW lung cancer; prostate cancer; colorectal cancer; brain cancer;
 KW oesophageal cancer; stomach cancer; bladder cancer; pancreatic cancer;
 KW cervical cancer; head and neck cancer; ovarian cancer; melanoma;
 KW lymphoma; glioma; multidrug resistant cancer; REL-A-specific inhibitor;
 KW chemotherapy; paclitaxel; docetaxel; cisplatin; methotrexate;
 KW cyclophosphamide; doxorubicin; fluorouracil carboplatin; edatrexate;
 KW gemcitabine; radiation therapy; inflammatory disease; asthma; diabetes;
 KW rheumatoid arthritis; restenosis; Crohn's disease; obesity; ischaemia;
 KW gene therapy; autoimmune disease; lupus; multiple sclerosis; sepsis;
 KW transplant/graft rejection; reperfusion injury; glomerulonephritis;
 KW allergic airway inflammation; inflammatory bowel disease; infection; ss.
 XX
 XX Homo sapiens.
 OS
 XX US2002177568-A1.
 PN
 XX 28-NOV-2002.
 PD
 XX
 XX 23-MAY-2001; 2001US-00864785.
 XX
 XX 07-DEC-1992; 92US-00987132.
 XX 18-MAY-1994; 94US-00245466.
 PR 15-AUG-1994; 94US-00291932.
 PR 23-DEC-1996; 96US-00777916.
 XX
 XX (STIN/) STINCHOMB D T.
 PA (MCSW/) MCSWIGGEN J.
 PA (DRAP/) DRAPER K G.
 XX
 XX Stinchcomb DT, Mcswiggen J, Draper KG;
 PI WPI; 2003-340953/32.
 XX
 XX Novel enzymatic nucleic acid molecules which down regulates expression of
 PT a sequence encoding a subunit of nuclear factor kappa B useful for
 PT treating cancer, inflammatory disorders and autoimmune diseases.
 XX
 XX Claim 3; Page 31; 72pp; English.
 XX
 XX The invention describes an enzymatic nucleic acid molecule (I) which down
 CC regulates expression of a sequence encoding a subunit of nuclear factor
 CC kappa B (NFkB), where (I) is an inozyme, zinzyme, G-cleaver or amberzyme
 CC configuration. The enzymatic nucleic acid molecule is adapted to treat
 CC cancer and is useful for down-regulating REL-A activity in a cell, for
 CC treating a patient having a condition associated with the level of REL-A.
 CC (I) is useful for cleaving RNA comprising a sequence of REL-A gene, in
 CC the presence of a divalent cation, especially Mg²⁺. The enzymatic and
 CC antisense nucleic acid molecules are useful for treating breast, lung,
 CC prostate, colorectal, brain, oesophageal, stomach, bladder, pancreatic,
 CC cervical, head and neck, ovarian cancer, melanoma, lymphoma, glioma or
 CC multidrug resistant cancer. The method involves use of other drug
 CC therapies such as monoclonal antibodies, REL-A-specific inhibitors or
 CC chemotherapies including paclitaxel, docetaxel, cisplatin, methotrexate,
 CC cyclophosphamide, doxorubicin, fluorouracil carboplatin, edatrexate,
 CC gemcitabine or radiation therapy. The enzymatic and antisense nucleic
 CC acid molecules are also useful for treating inflammatory disease such as
 CC rheumatoid arthritis, restenosis, asthma, Crohn's disease, diabetes,
 CC obesity, autoimmune disease, lupus, multiple sclerosis, transplant/graft
 CC rejection, gene therapy applications, ischaemia/reperfusion injury
 CC (central nervous system (CNS) and myocardial), glomerulonephritis,
 CC sepsis, allergic airway inflammation, inflammatory bowel disease or
 CC infection. This sequence represents the substrate of a novel enzymatic
 CC nucleic acid molecule
 XX
 XX Sequence 17 BP; 1 A; 11 C; 3 G; 0 T; 2 U; 0 Other;
 SQ
 Query Match 3.9%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 68.8%; Pred. No. 7.9e+02;
 Matches 11; Conservative 2; Mismatches 3; Indels 0; Gaps 0;
 QY 760 CTTAGGCTCCACTTC 775

```
Db      1  CCCCCGCCUCCACCTC 16
RESULT 1380
ADB03629/c
ID  ADB03629 standard; DNA; 17 BP.
XX
XX
AC  ADB03629;
XX
XX  20-NOV-2003 (first entry)
XX
XX  Human MDZ7 scanning oligonucleotide SEQ ID 4615.
XX
XX  Cytostatic; immunostimulant; gene therapy; vaccine; human;
XX  zinc finger protein; MDZ3; MDZ4; MDZ7; MDZ12; chromosome 7q22.1;
XX  chromosome 6p21.3-22.2; chromosome 16p11.2; chromosome 15q26.1; cancer;
XX  developmental disorder; ss.
XX
XX  Homo sapiens.
XX
XX  EP1281758-A2.
XX
XX  05-FEB-2003.
XX
XX  30-JUL-2002; 2002EP-00016874.
XX
XX  02-AUG-2001; 2001US-00922181.
XX  (AEOM-) AEOMICA INC.
XX
XX  Shannon M, Gu Y, Nguyen C;
XX  WPI; 2003-423107/40.
XX
XX  New zinc finger-containing proteins and nucleic acids, useful in
XX  manufacturing a medicament for treating or preventing a disorder
XX  associated with decreased or increased expression or activity of MDZ3,
XX  MDZ4, MDZ7 or MDZ12, e.g. cancer.
XX
XX  Example 8; SEQ ID NO 4615; 103pp; English.
XX
XX  The present invention relates to novel human zinc finger-containing
XX  proteins and their coding sequences: MDZ3, MDZ4, MDZ7, MDZ12. MDZ3 is
XX  encoded at chromosome 7q22.1, MDZ4 is encoded at chromosome 6p21.3-22.2,
XX  MDZ7 is encoded at chromosome 16p11.2 and MDZ12 is encoded at chromosome
XX  15q26.1. The MDZ3, MDZ4, MDZ7, and MDZ12 sequences are useful in therapy,
XX  or in manufacturing a medicament for treating or preventing a disorder
XX  associated with decreased or increased expression or activity of MDZ3,
XX  MDZ4, MDZ7, or MDZ12, e.g. cancer or developmental disorders. The nucleic
XX  acids and proteins are also useful for diagnosing or monitoring a disease
XX  caused by altered expression of MDZ3, MDZ4, MDZ7, or MDZ12. The nucleic
XX  acids can also be used as probes to detect and characterize gross
XX  alterations in MDZ3, MDZ4, MDZ7, or MDZ12 genetic locus. The probes are
XX  useful in constructing microarrays for measuring gene expression. The
XX  proteins are useful as therapeutic agents for gene therapy or as
XX  vaccines. The present sequence was used to illustrate the invention.
XX
XX  Sequence 17 BP; 2 A; 9 C; 2 G; 4 T; 0 U; 0 Other;
XX
XX  Query Match 3.9%; Score 11.2; DB 1; Length 17;
XX  Best Local Similarity 81.2%; Pred. No. 7.9e+02;
XX  Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
XX
XX  716 AGGAGAGTACTCTGG 731
XX  |||||
XX  17 AGGAGAGAGGCTGTGG 2
XX
RESULT 1381
ADB04971
ID  ADB04971 standard; DNA; 17 BP.
XX
XX
```

```
AC
XX
XX  ADB04971;
XX
XX  20-NOV-2003 (first entry)
XX
XX  Human MDZ12 scanning oligonucleotide SEQ ID 5957.
XX
XX  Cytostatic; immunostimulant; gene therapy; vaccine; human;
XX  zinc finger protein; MDZ3; MDZ4; MDZ7; MDZ12; chromosome 7q22.1;
XX  chromosome 6p21.3-22.2; chromosome 16p11.2; chromosome 15q26.1; cancer;
XX  developmental disorder; ss.
XX
XX  Homo sapiens.
XX
XX  EP1281758-A2.
XX
XX  05-FEB-2003.
XX
XX  30-JUL-2002; 2002EP-00016874.
XX
XX  02-AUG-2001; 2001US-00922181.
XX  (AEOM-) AEOMICA INC.
XX
XX  Shannon M, Gu Y, Nguyen C;
XX  WPI; 2003-423107/40.
XX
XX  New zinc finger-containing proteins and nucleic acids, useful in
XX  manufacturing a medicament for treating or preventing a disorder
XX  associated with decreased or increased expression or activity of MDZ3,
XX  MDZ4, MDZ7 or MDZ12, e.g. cancer.
XX
XX  Example 8; SEQ ID NO 5957; 103pp; English.
XX
XX  The present invention relates to novel human zinc finger-containing
XX  proteins and their coding sequences: MDZ3, MDZ4, MDZ7, MDZ12. MDZ3 is
XX  encoded at chromosome 7q22.1, MDZ4 is encoded at chromosome 6p21.3-22.2,
XX  MDZ7 is encoded at chromosome 16p11.2 and MDZ12 is encoded at chromosome
XX  15q26.1. The MDZ3, MDZ4, MDZ7, and MDZ12 sequences are useful in therapy,
XX  or in manufacturing a medicament for treating or preventing a disorder
XX  associated with decreased or increased expression or activity of MDZ3,
XX  MDZ4, MDZ7, or MDZ12, e.g. cancer or developmental disorders. The nucleic
XX  acids and proteins are also useful for diagnosing or monitoring a disease
XX  caused by altered expression of MDZ3, MDZ4, MDZ7, or MDZ12. The nucleic
XX  acids can also be used as probes to detect and characterize gross
XX  alterations in MDZ3, MDZ4, MDZ7, or MDZ12 genetic locus. The probes are
XX  useful in constructing microarrays for measuring gene expression. The
XX  proteins are useful as therapeutic agents for gene therapy or as
XX  vaccines. The present sequence was used to illustrate the invention.
XX
XX  Sequence 17 BP; 5 A; 2 C; 6 G; 4 T; 0 U; 0 Other;
XX
XX  Query Match 3.9%; Score 11.2; DB 1; Length 17;
XX  Best Local Similarity 81.2%; Pred. No. 7.9e+02;
XX  Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
XX
XX  712 TCCGAGGAGAGTGACT 727
XX  |||||
XX  2 TCACAGGAGAGGGATT 17
XX
RESULT 1382
ADB03634/c
ID  ADB03634 standard; DNA; 17 BP.
XX
XX  ADB03634;
XX
XX  20-NOV-2003 (first entry)
XX
XX  Human MDZ7 scanning oligonucleotide SEQ ID 4620.
XX
XX  Cytostatic; immunostimulant; gene therapy; vaccine; human;
XX  zinc finger protein; MDZ3; MDZ4; MDZ7; MDZ12; chromosome 7q22.1;
XX
```

KW chromosome 6p21.3-22.2; chromosome 16p11.2; chromosome 15q26.1; cancer;
 KW developmental disorder; ss.
 XX Homo sapiens.
 XX EP1281758-A2.
 XX 05-FEB-2003.
 XX 30-JUL-2002; 2002EP-00016874.
 XX 02-AUG-2001; 2001US-00922181.
 XX (AEOM-) AEOMICA INC.
 XX Shannon M, Gu Y, Nguyen C;
 XX WPI; 2003-423107/40.
 XX New zinc finger-containing proteins and nucleic acids, useful in
 PT manufacturing a medicament for treating or preventing a disorder
 PT associated with decreased or increased expression or activity of MDZ3,
 PT MDZ4, MDZ7 or MDZ12, e.g. cancer.
 XX Example 8; SEQ ID NO 4620; 103pp; English.
 PS The present invention relates to novel human zinc finger-containing
 CC proteins and their coding sequences: MDZ3, MDZ4, MDZ7, MDZ12. MDZ3 is
 CC encoded at chromosome 7q22.1, MDZ4 is encoded at chromosome 6p21.3-22.2,
 CC MDZ7 is encoded at chromosome 16p11.2 and MDZ12 is encoded at chromosome
 CC 15q26.1. The MDZ3, MDZ4, MDZ7, and MDZ12 sequences are useful in therapy,
 CC or in manufacturing a medicament for treating or preventing a disorder
 CC associated with decreased or increased expression or activity of MDZ3,
 CC MDZ4, MDZ7, or MDZ12, e.g. cancer or developmental disorders. The nucleic
 CC acids and proteins are also useful for diagnosing or monitoring a disease
 CC caused by altered expression of MDZ3, MDZ4, MDZ7, or MDZ12. The nucleic
 CC acids can also be used as probes to detect and characterize gross
 CC alterations in MDZ3, MDZ4, MDZ7, or MDZ12 genetic locus. The probes are
 CC useful in constructing microarrays for measuring gene expression. The
 CC proteins are useful as therapeutic agents for gene therapy or as
 CC vaccines. The present sequence was used to illustrate the invention.
 XX Sequence 17 BP; 3 A; 6 C; 4 G; 4 T; 0 U; 0 Other;
 SQ
 Query Match 3.9%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 7.9e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
 QY 712 TCCAGGAGAGTGACT 727
 Db 16 TCTAGGAGAGGCT 1
 RESULT 1383
 ID ADB04972 standard; DNA; 17 BP.
 XX ADB04972;
 XX 20-NOV-2003 (first entry)
 DT Human MDZ12 scanning oligonucleotide SEQ ID 5958.
 DE Cytostatic; immunostimulant; gene therapy; vaccine; human;
 KW zinc finger protein; MDZ3; MDZ4; MDZ7; MDZ12; chromosome 7q22.1;
 KW chromosome 6p21.3-22.2; chromosome 16p11.2; chromosome 15q26.1; cancer;
 KW developmental disorder; ss.
 XX Homo sapiens.
 XX EP1281758-A2.
 XX 05-FEB-2003.

XX 30-JUL-2002; 2002EP-00016874.
 PF 02-AUG-2001; 2001US-00922181.
 XX (AEOM-) AEOMICA INC.
 XX Shannon M, Gu Y, Nguyen C;
 XX WPI; 2003-423107/40.
 XX New zinc finger-containing proteins and nucleic acids, useful in
 PT manufacturing a medicament for treating or preventing a disorder
 PT associated with decreased or increased expression or activity of MDZ3,
 PT MDZ4, MDZ7 or MDZ12, e.g. cancer.
 XX Example 8; SEQ ID NO 5958; 103pp; English.
 PS The present invention relates to novel human zinc finger-containing
 CC proteins and their coding sequences: MDZ3, MDZ4, MDZ7, MDZ12. MDZ3 is
 CC encoded at chromosome 7q22.1, MDZ4 is encoded at chromosome 6p21.3-22.2,
 CC MDZ7 is encoded at chromosome 16p11.2 and MDZ12 is encoded at chromosome
 CC 15q26.1. The MDZ3, MDZ4, MDZ7, and MDZ12 sequences are useful in therapy,
 CC or in manufacturing a medicament for treating or preventing a disorder
 CC associated with decreased or increased expression or activity of MDZ3,
 CC MDZ4, MDZ7, or MDZ12, e.g. cancer or developmental disorders. The nucleic
 CC acids and proteins are also useful for diagnosing or monitoring a disease
 CC caused by altered expression of MDZ3, MDZ4, MDZ7, or MDZ12. The nucleic
 CC acids can also be used as probes to detect and characterize gross
 CC alterations in MDZ3, MDZ4, MDZ7, or MDZ12 genetic locus. The probes are
 CC useful in constructing microarrays for measuring gene expression. The
 CC proteins are useful as therapeutic agents for gene therapy or as
 CC vaccines. The present sequence was used to illustrate the invention.
 XX Sequence 17 BP; 5 A; 2 C; 6 G; 4 T; 0 U; 0 Other;
 SQ
 Query Match 3.9%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 7.9e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
 QY 712 TCCAGGAGAGTGACT 727
 Db 1 TCACAGGAGAGGATT 16
 RESULT 1384
 ADB00412
 ID ADB00412 standard; DNA; 17 BP.
 XX ADB00412;
 XX 20-NOV-2003 (first entry)
 DT Human MDZ3 scanning oligonucleotide SEQ ID 1398.
 DE Cytostatic; immunostimulant; gene therapy; vaccine; human;
 KW zinc finger protein; MDZ3; MDZ4; MDZ7; MDZ12; chromosome 7q22.1;
 KW chromosome 6p21.3-22.2; chromosome 16p11.2; chromosome 15q26.1; cancer;
 KW developmental disorder; ss.
 XX Homo sapiens.
 XX EP1281758-A2.
 XX 05-FEB-2003.
 XX 30-JUL-2002; 2002EP-00016874.
 PF 02-AUG-2001; 2001US-00922181.
 XX (AEOM-) AEOMICA INC.
 XX Shannon M, Gu Y, Nguyen C;
 XX WPI; 2003-423107/40.

XX WPI; 2003-423107/40.

XX New zinc finger-containing proteins and nucleic acids, useful in

PT manufacturing a medicament for treating or preventing a disorder

PT associated with decreased or increased expression or activity of MD23,

PT MD24, MD27 or MD212, e.g. cancer.

XX

XX Example 8; SEQ ID NO 1398; 103pp; English.

PS The present invention relates to novel human zinc finger-containing

CC proteins and their coding sequences: MD23, MD24, MD27, MD212. MD23 is

CC encoded at chromosome 7q22.1, MD24 is encoded at chromosome 6p21.3-22.2,

CC MD27 is encoded at chromosome 16p11.2 and MD212 is encoded at chromosome

CC 15q26.1. The MD23, MD24, MD27, and MD212 sequences are useful in therapy,

CC or in manufacturing a medicament for treating or preventing a disorder

CC associated with decreased or increased expression or activity of MD23,

CC MD24, MD27, or MD212, e.g. cancer or developmental disorders. The nucleic

CC acids and proteins are also useful for diagnosing or monitoring a disease

CC caused by altered expression of MD23, MD24, MD27, or MD212. The nucleic

CC acids can also be used as probes to detect and characterize gross

CC alterations in MD23, MD24, MD27, or MD212 genetic locus. The probes are

CC useful in constructing microarrays for measuring gene expression. The

CC proteins are useful as therapeutic agents for gene therapy or as

CC vaccines. The present sequence was used to illustrate the invention.

XX

XX Sequence 17 BP; 4 A; 7 C; 5 G; 1 T; 0 U; 0 Other;

SQ

Query Match 3.9%; Score 11.2; DB 1; Length 17;

Best Local Similarity 81.2%; Pred. No. 7.9e+02;

Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 778 AGGCGAGCCCTCTGG 793

DB 2 AGCGCAGCCACTGG 17

RESULT 1385

ADB00413

ID ADB00413 standard; DNA; 17 BP.

XX

XX ADB00413;

XX

XX 20-NOV-2003 (first entry)

XX

XX Human MD23 scanning oligonucleotide SEQ ID 1399.

DE

XX Cytostatic; immunostimulant; gene therapy; vaccine; human;

XX zinc finger protein; MD23; MD24; MD27; MD212; chromosome 7q22.1;

XX chromosome 6p21.3-22.2; chromosome 16p11.2; chromosome 15q26.1; cancer;

XX developmental disorder; ss.

XX

XX Homo sapiens.

XX

XX EPI281758-A2.

XX

XX 05-FEB-2003.

XX

XX 30-JUL-2002; 2002EP-00016874.

XX

XX 02-AUG-2001; 2001US-00922181.

XX

XX (AEOM-) AEOMICA INC.

XX

XX Shannon M, Gu Y, Nguyen C;

XX

XX WPI; 2003-423107/40.

XX

XX New zinc finger-containing proteins and nucleic acids, useful in

PT manufacturing a medicament for treating or preventing a disorder

PT associated with decreased or increased expression or activity of MD23,

PT MD24, MD27 or MD212, e.g. cancer.

XX

PS Example 8; SEQ ID NO 1399; 103pp; English.

XX The present invention relates to novel human zinc finger-containing

CC proteins and their coding sequences: MD23, MD24, MD27, MD212. MD23 is

CC encoded at chromosome 7q22.1, MD24 is encoded at chromosome 6p21.3-22.2,

CC MD27 is encoded at chromosome 16p11.2 and MD212 is encoded at chromosome

CC 15q26.1. The MD23, MD24, MD27, and MD212 sequences are useful in therapy,

CC or in manufacturing a medicament for treating or preventing a disorder

CC associated with decreased or increased expression or activity of MD23,

CC MD24, MD27, or MD212, e.g. cancer or developmental disorders. The nucleic

CC acids and proteins are also useful for diagnosing or monitoring a disease

CC caused by altered expression of MD23, MD24, MD27, or MD212. The nucleic

CC acids can also be used as probes to detect and characterize gross

CC alterations in MD23, MD24, MD27, or MD212 genetic locus. The probes are

CC useful in constructing microarrays for measuring gene expression. The

CC proteins are useful as therapeutic agents for gene therapy or as

CC vaccines. The present sequence was used to illustrate the invention.

XX

XX Sequence 17 BP; 4 A; 6 C; 6 G; 1 T; 0 U; 0 Other;

SQ

Query Match 3.9%; Score 11.2; DB 1; Length 17;

Best Local Similarity 81.2%; Pred. No. 7.9e+02;

Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 778 AGGCGAGCCCTCTGG 793

DB 1 AGCGCAGCCACTGG 16

RESULT 1386

ADB03630/C

ID ADB03630 standard; DNA; 17 BP.

XX

XX ADB03630;

XX

XX 20-NOV-2003 (first entry)

XX

XX Human MD27 scanning oligonucleotide SEQ ID 4616.

DE

XX Cytostatic; immunostimulant; gene therapy; vaccine; human;

XX zinc finger protein; MD23; MD24; MD27; MD212; chromosome 7q22.1;

XX chromosome 6p21.3-22.2; chromosome 16p11.2; chromosome 15q26.1; cancer;

XX developmental disorder; ss.

XX

XX Homo sapiens.

XX

XX EPI281758-A2.

XX

XX 05-FEB-2003.

XX

XX 30-JUL-2002; 2002EP-00016874.

XX

XX 02-AUG-2001; 2001US-00922181.

XX

XX (AEOM-) AEOMICA INC.

XX

XX Shannon M, Gu Y, Nguyen C;

XX

XX WPI; 2003-423107/40.

XX

XX New zinc finger-containing proteins and nucleic acids, useful in

PT manufacturing a medicament for treating or preventing a disorder

PT associated with decreased or increased expression or activity of MD23,

PT MD24, MD27 or MD212, e.g. cancer.

XX

CC associated with decreased or increased expression or activity of MDZ3,
 CC MDZ4, MDZ7, or MDZ12, e.g. cancer or developmental disorders. The nucleic
 CC acids and proteins are also useful for diagnosing or monitoring a disease
 CC caused by altered expression of MDZ3, MDZ4, MDZ7, or MDZ12. The nucleic
 CC acids can also be used as probes to detect and characterize gross
 CC alterations in MDZ3, MDZ4, MDZ7, or MDZ12 genetic locus. The probes are
 CC useful in constructing microarrays for measuring gene expression. The
 CC proteins are useful as therapeutic agents for gene therapy or as
 CC vaccines. The present sequence was used to illustrate the invention.
 XX
 SQ Sequence 17 BP; 3 A; 9 C; 1 G; 4 T; 0 U; 0 Other;

Query Match 3.9%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 7.9e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 716 AGGAGAGTCACTCTGG 731
 DB 16 AGGAGAGGCTCTGG 1

RESULT 1387
 ADA99515/C
 ID ADA99515 standard; DNA; 17 BP.
 XX
 AC ADA99515;
 XX
 DT 20-NOV-2003 (first entry)
 XX
 DE Human MDZ3 scanning oligonucleotide SEQ ID 504.
 XX
 KW Cytostatic; immunostimulant; gene therapy; vaccine; human;
 KW zinc finger protein; MDZ3; MDZ4; MDZ7; MDZ12; chromosome 7q22.1;
 KW chromosome 6p21.3-22.2; chromosome 16p11.2; chromosome 15q26.1; cancer;
 KW developmental disorder; ss.

XX Homo sapiens.
 OS
 PN BP1281758-A2.
 XX
 PD 05-FEB-2003.
 XX
 PF 30-JUL-2002; 2002EP-00016874.
 XX
 PR 02-AUG-2001; 2001US-00922181.
 XX
 PA (AEOM-) AEOMICA INC.
 XX
 PI Shannon M, Gu Y, Nguyen C;
 XX
 DR WPI; 2003-423107/40.
 XX
 PT New zinc finger-containing proteins and nucleic acids, useful in
 PT manufacturing a medicament for treating or preventing a disorder
 PT associated with decreased or increased expression or activity of MDZ3,
 PT MDZ4, MDZ7 or MDZ12, e.g. cancer.
 XX
 PS Example 8; SEQ ID NO 504; 103pp; English.

XX The present invention relates to novel human zinc finger-containing
 CC proteins and their coding sequences: MDZ3, MDZ4, MDZ7, MDZ12. MDZ3 is
 CC encoded at chromosome 7q22.1, MDZ4 is encoded at chromosome 6p21.3-22.2,
 CC MDZ7 is encoded at chromosome 16p11.2 and MDZ12 is encoded at chromosome
 CC 15q26.1. The MDZ3, MDZ4, MDZ7, and MDZ12 sequences are useful in therapy,
 CC or in manufacturing a medicament for treating or preventing a disorder
 CC associated with decreased or increased expression or activity of MDZ3,
 CC MDZ4, MDZ7, or MDZ12, e.g. cancer or developmental disorders. The nucleic
 CC acids and proteins are also useful for diagnosing or monitoring a disease
 CC caused by altered expression of MDZ3, MDZ4, MDZ7, or MDZ12. The nucleic
 CC acids can also be used as probes to detect and characterize gross
 CC alterations in MDZ3, MDZ4, MDZ7, or MDZ12 genetic locus. The probes are
 CC useful in constructing microarrays for measuring gene expression. The
 CC proteins are useful as therapeutic agents for gene therapy or as

CC vaccines. The present sequence was used to illustrate the invention.
 XX
 SQ Sequence 17 BP; 4 A; 5 C; 7 G; 1 T; 0 U; 0 Other;
 Query Match 3.9%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 7.9e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 760 CCTAGCCTCCACTTC 775
 DB 16 CCTGGGCTCCAGTGC 1

RESULT 1388
 ADA99513/C
 ID ADA99513 standard; DNA; 17 BP.
 XX
 AC ADA99513;
 XX
 DT 20-NOV-2003 (first entry)
 XX
 DE Human MDZ3 scanning oligonucleotide SEQ ID 502.
 XX
 KW Cytostatic; immunostimulant; gene therapy; vaccine; human;
 KW zinc finger protein; MDZ3; MDZ4; MDZ7; MDZ12; chromosome 7q22.1;
 KW chromosome 6p21.3-22.2; chromosome 16p11.2; chromosome 15q26.1; cancer;
 KW developmental disorder; ss.

XX Homo sapiens.
 OS
 PN EPI281758-A2.
 XX
 PD 05-FEB-2003.
 XX
 PF 30-JUL-2002; 2002EP-00016874.
 XX
 PR 02-AUG-2001; 2001US-00922181.
 XX
 PA (AEOM-) AEOMICA INC.
 XX
 PI Shannon M, Gu Y, Nguyen C;
 XX
 DR WPI; 2003-423107/40.
 XX
 PT New zinc finger-containing proteins and nucleic acids, useful in
 PT manufacturing a medicament for treating or preventing a disorder
 PT associated with decreased or increased expression or activity of MDZ3,
 PT MDZ4, MDZ7 or MDZ12, e.g. cancer.
 XX
 PS Example 8; SEQ ID NO 502; 103pp; English.

XX The present invention relates to novel human zinc finger-containing
 CC proteins and their coding sequences: MDZ3, MDZ4, MDZ7, MDZ12. MDZ3 is
 CC encoded at chromosome 7q22.1, MDZ4 is encoded at chromosome 6p21.3-22.2,
 CC MDZ7 is encoded at chromosome 16p11.2 and MDZ12 is encoded at chromosome
 CC 15q26.1. The MDZ3, MDZ4, MDZ7, and MDZ12 sequences are useful in therapy,
 CC or in manufacturing a medicament for treating or preventing a disorder
 CC associated with decreased or increased expression or activity of MDZ3,
 CC MDZ4, MDZ7, or MDZ12, e.g. cancer or developmental disorders. The nucleic
 CC acids and proteins are also useful for diagnosing or monitoring a disease
 CC caused by altered expression of MDZ3, MDZ4, MDZ7, or MDZ12. The nucleic
 CC acids can also be used as probes to detect and characterize gross
 CC alterations in MDZ3, MDZ4, MDZ7, or MDZ12 genetic locus. The probes are
 CC useful in constructing microarrays for measuring gene expression. The
 CC proteins are useful as therapeutic agents for gene therapy or as
 CC vaccines. The present sequence was used to illustrate the invention.

XX Sequence 17 BP; 5 A; 4 C; 7 G; 1 T; 0 U; 0 Other;
 Query Match 3.9%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 7.9e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

KW zinc finger protein; MD23; MD24; MD27; MD212; chromosome 7q22.1;
 KW chromosome 6p21.3-22.2; chromosome 16p11.2; chromosome 15q26.1; cancer;
 KW developmental disorder; ss.
 XX Homo sapiens.
 XX EP1281758-A2.
 XX 05-FEB-2003.
 XX 30-JUL-2002; 2002EP-00016874.
 XX 02-AUG-2001; 2001US-00922181.
 XX (AEOM-) AEOMICA INC.
 XX Shannon M, Gu Y, Nguyen C;
 XX WPI; 2003-423107/40.
 XX New zinc finger-containing proteins and nucleic acids, useful in
 PT manufacturing a medicament for treating or preventing a disorder
 PR associated with decreased or increased expression or activity of MD23,
 XX MD24, MD27 or MD212, e.g. cancer.
 XX Example 8; SEQ ID NO 3055; 103pp; English.
 XX The present invention relates to novel human zinc finger-containing
 CC proteins and their coding sequences: MD23, MD24, MD27, MD212. MD23 is
 CC encoded at chromosome 7q22.1, MD24 is encoded at chromosome 6p21.3-22.2,
 CC MD27 is encoded at chromosome 16p11.2 and MD212 is encoded at chromosome
 CC 15q26.1. The MD23, MD24, MD27, and MD212 sequences are useful in therapy,
 CC or in manufacturing a medicament for treating or preventing a disorder
 CC associated with decreased or increased expression or activity of MD23,
 CC MD24, MD27, or MD212, e.g. cancer or developmental disorders. The nucleic
 CC acids and proteins are also useful for diagnosing or monitoring a disease
 CC caused by altered expression of MD23, MD24, MD27, or MD212. The nucleic
 CC acids can also be used as probes to detect and characterize gross
 CC alterations in MD23, MD24, MD27, or MD212 genetic locus. The probes are
 CC useful in constructing microarrays for measuring gene expression. The
 CC proteins are useful as therapeutic agents for gene therapy or as
 CC vaccines. The present sequence was used to illustrate the invention.
 XX Sequence 17 BP; 8 A; 2 C; 4 G; 3 T; 0 U; 0 Other;
 SQ
 Query Match 3.9%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 7.9e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
 QY 832 TCTTTCTCTCTCGAA 847
 DB 17 TCTTTCTCTCTCGAAA 2
 RESULT 1392
 ID ADA99257
 ID ADA99257 standard; DNA; 17 BP.
 XX ADA99257;
 XX 20-NOV-2003 (first entry)
 XX Human MD23 scanning oligonucleotide SEQ ID 246.
 XX Cytostatic; immunostimulant; gene therapy; vaccine; human;
 KW zinc finger protein; MD23; MD24; MD27; MD212; chromosome 7q22.1;
 KW chromosome 6p21.3-22.2; chromosome 16p11.2; chromosome 15q26.1; cancer;
 KW developmental disorder; ss.
 XX Homo sapiens.
 XX EP1281758-A2.
 XX 05-FEB-2003.
 XX 30-JUL-2002; 2002EP-00016874.
 XX 02-AUG-2001; 2001US-00922181.
 XX (AEOM-) AEOMICA INC.
 XX Shannon M, Gu Y, Nguyen C;
 XX WPI; 2003-423107/40.
 XX New zinc finger-containing proteins and nucleic acids, useful in
 PT manufacturing a medicament for treating or preventing a disorder
 PR associated with decreased or increased expression or activity of MD23,
 XX MD24, MD27 or MD212, e.g. cancer.
 XX Example 8; SEQ ID NO 3055; 103pp; English.
 XX The present invention relates to novel human zinc finger-containing
 CC proteins and their coding sequences: MD23, MD24, MD27, MD212. MD23 is
 CC encoded at chromosome 7q22.1, MD24 is encoded at chromosome 6p21.3-22.2,
 CC MD27 is encoded at chromosome 16p11.2 and MD212 is encoded at chromosome
 CC 15q26.1. The MD23, MD24, MD27, and MD212 sequences are useful in therapy,
 CC or in manufacturing a medicament for treating or preventing a disorder
 CC associated with decreased or increased expression or activity of MD23,
 CC MD24, MD27, or MD212, e.g. cancer or developmental disorders. The nucleic
 CC acids and proteins are also useful for diagnosing or monitoring a disease
 CC caused by altered expression of MD23, MD24, MD27, or MD212. The nucleic
 CC acids can also be used as probes to detect and characterize gross
 CC alterations in MD23, MD24, MD27, or MD212 genetic locus. The probes are
 CC useful in constructing microarrays for measuring gene expression. The
 CC proteins are useful as therapeutic agents for gene therapy or as
 CC vaccines. The present sequence was used to illustrate the invention.
 XX Sequence 17 BP; 8 A; 2 C; 4 G; 3 T; 0 U; 0 Other;
 SQ

PD 05-FEB-2003.
 XX 30-JUL-2002; 2002EP-00016874.
 XX 02-AUG-2001; 2001US-00922181.
 XX (AEOM-) AEOMICA INC.
 XX Shannon M, Gu Y, Nguyen C;
 XX WPI; 2003-423107/40.
 XX New zinc finger-containing proteins and nucleic acids, useful in
 PT manufacturing a medicament for treating or preventing a disorder
 PR associated with decreased or increased expression or activity of MD23,
 XX MD24, MD27 or MD212, e.g. cancer.
 XX Example 8; SEQ ID NO 246; 103pp; English.
 XX The present invention relates to novel human zinc finger-containing
 CC proteins and their coding sequences: MD23, MD24, MD27, MD212. MD23 is
 CC encoded at chromosome 7q22.1, MD24 is encoded at chromosome 6p21.3-22.2,
 CC MD27 is encoded at chromosome 16p11.2 and MD212 is encoded at chromosome
 CC 15q26.1. The MD23, MD24, MD27, and MD212 sequences are useful in therapy,
 CC or in manufacturing a medicament for treating or preventing a disorder
 CC associated with decreased or increased expression or activity of MD23,
 CC MD24, MD27, or MD212, e.g. cancer or developmental disorders. The nucleic
 CC acids and proteins are also useful for diagnosing or monitoring a disease
 CC caused by altered expression of MD23, MD24, MD27, or MD212. The nucleic
 CC acids can also be used as probes to detect and characterize gross
 CC alterations in MD23, MD24, MD27, or MD212 genetic locus. The probes are
 CC useful in constructing microarrays for measuring gene expression. The
 CC proteins are useful as therapeutic agents for gene therapy or as
 CC vaccines. The present sequence was used to illustrate the invention.
 XX Sequence 17 BP; 3 A; 5 C; 4 G; 5 T; 0 U; 0 Other;
 SQ
 Query Match 3.9%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 7.9e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
 QY 935 CCAGAGAAATTTTACGC 950
 DB 1 CCAGAGACTTTTCGGC 16
 RESULT 1393
 ID ABZ60425
 ID ABZ60425 standard; RNA; 17 BP.
 XX ABZ60425;
 XX 21-MAR-2003 (first entry)
 XX Human K-Ras DNazyme substrate #537.
 XX Human; ribozyme; short interfering RNA; siRNA; HER2; K-Ras;
 KW enzymatic nucleic acid; H-Ras; N-Ras; HIV; cytostatic; anti-HIV;
 KW anti-rheumatic; cancer; AIDS; ss.
 XX Homo sapiens.
 XX WC200297114-A2.
 XX 05-DEC-2002.
 XX 29-MAY-2002; 2002WO-US016840.
 XX 29-MAY-2001; 2001US-0294140P.
 XX 06-JUN-2001; 2001US-0296249P.
 XX 10-SEP-2001; 2001US-0318471P.
 XX (RIBO-) RIBOZYME PHARM INC.

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XX Mcswiggen J;
XX WPI; 2003-140484/13.
XX Novel short interfering RNA and enzymatic nucleic acid useful for
XX treating cancer, modulates the expression of a nucleic acid encoding
XX HER2, K-Ras, H-Ras, N-Ras, and human deficiency virus sequences.
XX Claim 58; Page 95; 185pp; English.
XX The invention relates to a novel short interfering RNA (siRNA) nucleic
XX acid molecule or an enzymatic nucleic acid molecule, that modulates
XX expression of a nucleic acid molecule encoding HER2, K-Ras, H-Ras, N-Ras,
XX human immunodeficiency virus (HIV) or a component of HIV. The nucleic
XX acid molecule of the invention has cytostatic, anti-HIV, and anti-
XX rheumatic activity. The nucleic acid molecules are useful for reducing
XX HER2, K-Ras, H-Ras, and HIV activity in a cell. The nucleic acids are
XX also useful for treating breast, ovarian, colorectal, lung, prostate,
XX bladder, or pancreatic cancer, and HIV infection, and AIDS. The sequences
XX shown in ABZ59889 - ABZ62216, ABZ64544 - ABZ65531, ABZ66520 - ABZ66524,
XX ABZ66530 - ABZ66585 represent substrate/target sequences for the human
XX ribozymes of the invention
XX Sequence 17 BP; 6 A; 3 C; 1 G; 0 T; 7 U; 0 Other;
XX Query Match 3.9%; Score 11.2; DB 1; Length 17;
XX Best Local Similarity 43.8%; Pred. No. 7.9e+02;
XX Matches 7; Conservative 6; Mismatches 3; Indels 0; Gaps 0;
XX QY 885 ATGCACCTTACTCTCA 900
XX |:|:|:|:|:|:|
XX Db 1 AUACACCUAUUGUCA 15
XX RESULT 1394
XX ABZ64548
XX ID ABZ64548 standard; RNA; 17 BP.
XX AC ABZ64548;
XX XX
XX DT 21-MAR-2003 (first entry)
XX DE Human HER2 DNzyme substrate #5.
XX KW Human; ribozyme; short interfering RNA; siRNA; HER2; K-Ras;
XX enzymatic nucleic acid; H-Ras; N-Ras; HIV; cytostatic; anti-HIV;
XX anti-rheumatic; cancer; AIDS; ss.
XX OS Homo sapiens.
XX PN WO200297114-A2.
XX PD 05-DEC-2002.
XX PF 29-MAY-2002; 2002WO-US016840.
XX PR 29-MAY-2001; 2001US-0294140P.
XX PR 06-JUN-2001; 2001US-0296249P.
XX PR 10-SEP-2001; 2001US-0318471P.
XX XX
XX PA (RIBO-) RIBOZYME PHARM INC.
XX PI Mcswiggen J;
XX PI WPI; 2003-140484/13.
XX Novel short interfering RNA and enzymatic nucleic acid useful for
XX treating cancer, modulates the expression of a nucleic acid encoding
XX HER2, K-Ras, H-Ras, N-Ras, and human deficiency virus sequences.
XX Claim 4; Page 133; 185pp; English.

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CC The invention relates to a novel short interfering RNA (siRNA) nucleic
CC acid molecule or an enzymatic nucleic acid molecule, that modulates
CC expression of a nucleic acid molecule encoding HER2, K-Ras, H-Ras, N-Ras,
CC human immunodeficiency virus (HIV) or a component of HIV. The nucleic
CC acid molecule of the invention has cytostatic, anti-HIV, and anti-
CC rheumatic activity. The nucleic acid molecules are useful for reducing
CC HER2, K-Ras, H-Ras, and HIV activity in a cell. The nucleic acids are
CC also useful for treating breast, ovarian, colorectal, lung, prostate,
CC bladder, or pancreatic cancer, and HIV infection, and AIDS. The sequences
CC shown in ABZ59889 - ABZ62216, ABZ64544 - ABZ65531, ABZ66520 - ABZ66524,
CC ABZ66530 - ABZ66585 represent substrate/target sequences for the human
CC ribozymes of the invention
XX Sequence 17 BP; 0 A; 6 C; 9 G; 0 T; 2 U; 0 Other;
XX Query Match 3.9%; Score 11.2; DB 1; Length 17;
XX Best Local Similarity 68.8%; Pred. No. 7.9e+02;
XX Matches 11; Conservative 2; Mismatches 3; Indels 0; Gaps 0;
XX QY 742 TGGTAGGGTCCACGGG 757
XX |:|:|:|:|:|:|
XX Db 1 UGGUCGGGGCCCCGGG 16
XX RESULT 1395
XX ABZ61871
XX ID ABZ61871 standard; RNA; 17 BP.
XX AC ABZ61871;
XX DT 21-MAR-2003 (first entry)
XX DE Human H-Ras DNzyme target #662.
XX KW Human; ribozyme; short interfering RNA; siRNA; HER2; K-Ras;
XX enzymatic nucleic acid; H-Ras; N-Ras; HIV; cytostatic; anti-HIV;
XX anti-rheumatic; cancer; AIDS; ss.
XX OS Homo sapiens.
XX PN WO200297114-A2.
XX PD 05-DEC-2002.
XX PF 29-MAY-2002; 2002WO-US016840.
XX PR 29-MAY-2001; 2001US-0294140P.
XX PR 06-JUN-2001; 2001US-0296249P.
XX PR 10-SEP-2001; 2001US-0318471P.
XX XX
XX PA (RIBO-) RIBOZYME PHARM INC.
XX PI Mcswiggen J;
XX PI WPI; 2003-140484/13.
XX Novel short interfering RNA and enzymatic nucleic acid useful for
XX treating cancer, modulates the expression of a nucleic acid encoding
XX HER2, K-Ras, H-Ras, N-Ras, and human deficiency virus sequences.
XX Claim 58; Page 123; 185pp; English.
XX The invention relates to a novel short interfering RNA (siRNA) nucleic
XX acid molecule or an enzymatic nucleic acid molecule, that modulates
XX expression of a nucleic acid molecule encoding HER2, K-Ras, H-Ras, N-Ras,
XX human immunodeficiency virus (HIV) or a component of HIV. The nucleic
XX acid molecule of the invention has cytostatic, anti-HIV, and anti-
XX rheumatic activity. The nucleic acid molecules are useful for reducing
XX HER2, K-Ras, H-Ras, and HIV activity in a cell. The nucleic acids are
XX also useful for treating breast, ovarian, colorectal, lung, prostate,
XX bladder, or pancreatic cancer, and HIV infection, and AIDS. The sequences
XX shown in ABZ59889 - ABZ62216, ABZ64544 - ABZ65531, ABZ66520 - ABZ66524,
XX ABZ66530 - ABZ66585 represent substrate/target sequences for the human

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CC  ribozymes of the invention
XX
SQ  Sequence 17 BP; 1 A; 7 C; 2 G; 0 T; 7 U; 0 Other;

  Query Match      3.9%; Score 11.2; DB 1; Length 17;
  Best Local Similarity 50.8%; Pred. No. 7.9e+02;
  Matches 8; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

QY  875 CTTTCTGAGATGCAC 890
Db  1 CUUUCGACUGCUC 16

RESULT 1396
ABZ65463/c
ID  ABZ65463 standard; RNA; 17 BP.
XX
AC  ABZ65463;
XX
XX  21-MAR-2003 (first entry)
XX
XX  Human HER2 DNAzyme substrate #920.
DE
XX  Human; ribozyme; short interfering RNA; siRNA; HER2; K-Ras;
KW  enzymatic nucleic acid; H-Ras; N-Ras; HIV; cytosstatic; anti-HIV;
KW  anti-rheumatic; cancer; AIDS; ss.
XX
XX  Homo sapiens.
OS
XX
XX  WO200297114-A2.
PN
XX
XX  05-DEC-2002.
PD
XX
XX  29-MAY-2002; 2002WO-US016840.
PF
XX
XX  29-MAY-2001; 2001US-0294140P.
PR
XX  06-JUN-2001; 2001US-0296249P.
PR
XX  10-SEP-2001; 2001US-0318471P.
PR
XX
XX  (RIBO-) RIBOZYME PHARM INC.
PA
XX
XX  Mcswiggen J;
PI
XX
XX  WPI; 2003-140484/13.
DR
XX
XX  Novel short interfering RNA and enzymatic nucleic acid useful for
PT  treating cancer, modulates the expression of a nucleic acid encoding
PT  HER2, K-Ras, H-Ras, N-Ras, and human deficiency virus sequences.
XX
XX  Claim 4; Page 150; 185pp; English.
PS
XX
XX  The invention relates to a novel short interfering RNA (siRNA) nucleic
CC  acid molecule or an enzymatic nucleic acid molecule, that modulates
CC  expression of a nucleic acid molecule encoding HER2, K-Ras, H-Ras, N-Ras,
CC  human immunodeficiency virus (HIV) or a component of HIV. The nucleic
CC  acid molecule of the invention has cytosstatic, anti-HIV, and anti-
CC  rheumatic activity. The nucleic acid molecules are useful for reducing
CC  HER2, K-Ras, H-Ras, and HIV activity in a cell. The nucleic acids are
CC  also useful for treating breast, ovarian, colorectal, lung, prostate,
CC  bladder, or pancreatic cancer, and HIV infection, and AIDS. The sequences
CC  shown in ABZ59889 - ABZ62216, ABZ64544 - ABZ65531, ABZ66520 -
CC  ABZ66530 - ABZ66585 represent substrate/target sequences for the human
CC  ribozymes of the invention
XX
SQ  Sequence 17 BP; 3 A; 6 C; 4 G; 0 T; 4 U; 0 Other;

  Query Match      3.9%; Score 11.2; DB 1; Length 17;
  Best Local Similarity 81.2%; Pred. No. 7.9e+02;
  Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY  846 AAGACAGCTCTGCG 861
Db  17 AGGACAGGTTCTGCG 2

RESULT 1397
ABZ65502/c
ID  ABZ65502 standard; RNA; 17 BP.
XX
AC  ABZ65502;
XX
XX  21-MAR-2003 (first entry)
XX
XX  Human HER2 DNAzyme substrate #959.
DE
XX  Human; ribozyme; short interfering RNA; siRNA; HER2; K-Ras;
KW  enzymatic nucleic acid; H-Ras; N-Ras; HIV; cytosstatic; anti-HIV;
KW  anti-rheumatic; cancer; AIDS; ss.
XX
XX  Homo sapiens.
OS
XX
XX  WO200297114-A2.
PN
XX
XX  05-DEC-2002.
PD
XX
XX  29-MAY-2002; 2002WO-US016840.
PF
XX
XX  29-MAY-2001; 2001US-0294140P.
PR
XX  06-JUN-2001; 2001US-0296249P.
PR
XX  10-SEP-2001; 2001US-0318471P.
PR
XX
XX  (RIBO-) RIBOZYME PHARM INC.
PA
XX
XX  Mcswiggen J;
PI
XX
XX  WPI; 2003-140484/13.
DR
XX
XX  Novel short interfering RNA and enzymatic nucleic acid useful for
PT  treating cancer, modulates the expression of a nucleic acid encoding
PT  HER2, K-Ras, H-Ras, N-Ras, and human deficiency virus sequences.
XX
XX  Claim 4; Page 151; 185pp; English.
PS
XX
XX  The invention relates to a novel short interfering RNA (siRNA) nucleic
CC  acid molecule or an enzymatic nucleic acid molecule, that modulates
CC  expression of a nucleic acid molecule encoding HER2, K-Ras, H-Ras, N-Ras,
CC  human immunodeficiency virus (HIV) or a component of HIV. The nucleic
CC  acid molecule of the invention has cytosstatic, anti-HIV, and anti-
CC  rheumatic activity. The nucleic acid molecules are useful for reducing
CC  HER2, K-Ras, H-Ras, and HIV activity in a cell. The nucleic acids are
CC  also useful for treating breast, ovarian, colorectal, lung, prostate,
CC  bladder, or pancreatic cancer, and HIV infection, and AIDS. The sequences
CC  shown in ABZ59889 - ABZ62216, ABZ64544 - ABZ65531, ABZ66520 -
CC  ABZ66530 - ABZ66585 represent substrate/target sequences for the human
CC  ribozymes of the invention
XX
SQ  Sequence 17 BP; 8 A; 5 C; 3 G; 0 T; 1 U; 0 Other;

  Query Match      3.9%; Score 11.2; DB 1; Length 17;
  Best Local Similarity 81.2%; Pred. No. 7.9e+02;
  Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY  826 TGTGTCCTCTTCTTC 841
Db  16 TGGTCGCTTTTGTTC 1

RESULT 1398
ACD52929/c
ID  ACD52929 standard; RNA; 17 BP.
XX
AC  ACD52929;
XX
XX  24-SEP-2003 (first entry)
XX
XX  HBV inozyme substrate sequence #651.
DE

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XX Nucleic acid molecule; Hepatitis C virus; HCV; Hepatitis B virus; HBV;
KW RNA stability; RNA expression; RNA synthesis; antisense;
KW enzymatic nucleic acid; hammerhead ribozyme; DNzyme; inozyme; zinzyme;
KW amberyne; G-cleaver ribozyme; decoy molecule; aptamer;
KW HBV reverse transcriptase; Enhancer I region; viral replication;
KW degenerative; disease state; HBV infection; HCV infection; cirrhosis;
KW liver failure; hepatocellular carcinoma; hepatotropic; cytostatic;
KW virucide; antiinflammatory; substrate; ss.
XX
OS Hepatitis B virus.
XX
XX WO200281494-A1.
XX
XX 17-OCT-2002.
XX
XX 26-MAR-2002; 2002WO-US009187.
XX
XX 26-MAR-2001; 2001US-00817879.
PR 08-JUN-2001; 2001US-00877478.
PR 08-JUN-2001; 2001US-0296876P.
PR 24-OCT-2001; 2001US-0335059P.
PR 05-DEC-2001; 2001US-0337055P.
XX
XX (RIBO-) RIBOZYME PHARM INC.
PA (BLAT/) BLATT L.
PA (MACE/) MACEJAK D.
PA (MCSW/) MCSWIGGEN J.
PA (MORR/) MORRISSEY D.
PA (PAVC/) PAVCO P.
PA (LEEP/) LEE P.
PA (DRAP/) DRAPER K.
PA (ROBE/) ROBERTS E.
XX
PI Blatt L, Macejak D, Mcswiggen J, Morrissey D, Pavco P, Lee P;
PI Draper K, Roberts E;
XX WPI; 2003-229207/22.
XX
XX Novel compound useful for treating cirrhosis, liver failure,
PT hepatocellular carcinoma, or condition associated with hepatitis C virus
PT infection.
XX
XX Example 1; Page 162; 387pp; English.
XX
XX The present invention relates to nucleic acid molecules which modulate
CC the synthesis, expression and/or stability of Hepatitis C virus (HCV) or
CC Hepatitis B virus (HBV) RNA. The nucleic acid molecules include antisense
CC and enzymatic nucleic acids such as hammerhead ribozymes, DNazymes,
CC inozymes, zinzymes, amberyne, and G-cleaver ribozymes. Also disclosed
CC are nucleic acid decoy molecules and aptamers that bind to HBV reverse
CC transcriptase and/or HBV reverse transcriptase primer sequences, as well
CC as oligonucleotides that specifically bind the Enhancer I region of HBV
CC DNA. The nucleic acids may be used to modulate the expression of HBV
CC genes and HBV viral replication. Also disclosed is a method for screening
CC compounds and/or potential therapies directed against HBV, and compounds
CC that modulate the expression and/or replication of HCV. The compounds and
CC methods of the invention are useful for the treatment of degenerative and
CC disease states related to HBV and HCV infection, replication and gene
CC expression such as cirrhosis, liver failure, and hepatocellular
CC carcinoma. The present sequence represents a substrate for one of the HBV
CC ribozyme, inozyme, G-cleaver, zinzyme, DNzyme, or amberyne sequences
CC disclosed in the present invention.
XX
SQ Sequence 17 BP; 3 A; 7 C; 3 G; 0 T; 4 U; 0 Other;
Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 91.2%; Pred. No. 7.9e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Qy 709 GAGTCCACGAGAGTG 724
||| ||||| |||||
Db 17 GAATCCCGAGGAGTG 2

RESULT 1399
ACD59642/C
ID ACD59642 standard; RNA; 17 BP.
XX
XX ACD59642;
AC
XX
DT 24-SEP-2003 (first entry)
XX
XX HCV DNzyme substrate sequence #1444.
XX
XX Nucleic acid molecule; Hepatitis C virus; HCV; Hepatitis B virus; HBV;
KW RNA stability; RNA expression; RNA synthesis; antisense;
KW enzymatic nucleic acid; hammerhead ribozyme; DNzyme; inozyme; zinzyme;
KW amberyne; G-cleaver ribozyme; decoy molecule; aptamer;
KW HBV reverse transcriptase; Enhancer I region; viral replication;
KW degenerative; disease state; HBV infection; HCV infection; cirrhosis;
KW liver failure; hepatocellular carcinoma; hepatotropic; cytostatic;
KW virucide; antiinflammatory; substrate; ss.
XX
OS Hepatitis C virus.
XX
XX WO200281494-A1.
XX
XX 17-OCT-2002.
XX
XX 26-MAR-2002; 2002WO-US009187.
XX
XX 26-MAR-2001; 2001US-00817879.
PR 08-JUN-2001; 2001US-00877478.
PR 08-JUN-2001; 2001US-0296876P.
PR 24-OCT-2001; 2001US-0335059P.
PR 05-DEC-2001; 2001US-0337055P.
XX
XX (RIBO-) RIBOZYME PHARM INC.
PA (BLAT/) BLATT L.
PA (MACE/) MACEJAK D.
PA (MCSW/) MCSWIGGEN J.
PA (MORR/) MORRISSEY D.
PA (PAVC/) PAVCO P.
PA (LEEP/) LEE P.
PA (DRAP/) DRAPER K.
PA (ROBE/) ROBERTS E.
XX
PI Blatt L, Macejak D, Mcswiggen J, Morrissey D, Pavco P, Lee P;
PI Draper K, Roberts E;
XX WPI; 2003-229207/22.
XX
XX Novel compound useful for treating cirrhosis, liver failure,
PT hepatocellular carcinoma, or condition associated with hepatitis C virus
PT infection.
XX
XX Claim 1; Page 259; 387pp; English.
XX
XX The present invention relates to nucleic acid molecules which modulate
CC the synthesis, expression and/or stability of Hepatitis C virus (HCV) or
CC Hepatitis B virus (HBV) RNA. The nucleic acid molecules include antisense
CC and enzymatic nucleic acids such as hammerhead ribozymes, DNazymes,
CC inozymes, zinzymes, amberyne, and G-cleaver ribozymes. Also disclosed
CC are nucleic acid decoy molecules and aptamers that bind to HBV reverse
CC transcriptase and/or HBV reverse transcriptase primer sequences, as well
CC as oligonucleotides that specifically bind the Enhancer I region of HBV
CC DNA. The nucleic acids may be used to modulate the expression of HBV
CC genes and HBV viral replication. Also disclosed is a method for screening
CC compounds and/or potential therapies directed against HBV, and compounds
CC that modulate the expression and/or replication of HCV. The compounds and
CC methods of the invention are useful for the treatment of degenerative and
CC disease states related to HBV and HCV infection, replication and gene
CC expression such as cirrhosis, liver failure, and hepatocellular
CC carcinoma. The present sequence represents a substrate for one of the HCV
CC DNzyme or minus strand DNzyme sequences disclosed in the present

CC invention
 XX Sequence 17 BP; 3 A; 3 C; 7 G; 0 T; 4 U; 0 Other;
 SQ Query Match 3.9%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 7.9e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 788 CTCTGTGTCACAGC 803
 Db 17 CTATGTCACACAGC 2

RESULT 1400
 ACD50453/C
 ID ACD50453 standard; RNA; 17 BP.
 XX AC ACD50453;
 XX 23-SEP-2003 (first entry)
 XX HBV hammerhead ribozyme substrate sequence #72.

XX Nucleic acid molecule; Hepatitis C virus; HCV; Hepatitis B virus; HBV;
 KW RNA stability; RNA expression; RNA synthesis; antisense;
 KW enzymatic nucleic acid; hammerhead ribozyme; DNzyme; inozyme; zinzyme;
 KW amberyne; G-cleaver ribozyme; decoy molecule; aptamer;
 KW HBV reverse transcriptase; Enhancer I region; viral replication;
 KW degenerative; disease state; HBV infection; HCV infection; cirrhosis;
 KW liver failure; hepatocellular carcinoma; hepatotropic; cytostatic;
 KW virucide; antiinflammatory; substrate; ss.

XX Hepatitis B virus.
 OS
 XX WO200281494-A1.
 PN 17-OCT-2002.

XX 26-MAR-2002; 2002WO-US0009187.
 XX 26-MAR-2001; 2001US-00817879.
 PR 08-JUN-2001; 2001US-00877478.
 PR 08-JUN-2001; 2001US-0296876P.
 PR 24-OCT-2001; 2001US-0335059P.
 PR 05-DEC-2001; 2001US-0337055P.

XX (RIBO-) RIBOZYME PHARM INC.
 PA (BLAT/) BLATT L.
 PA (MACE/) MACEJAK D.
 PA (MCSW/) MCSWIGGEN J.
 PA (MORR/) MORRISSEY D.
 PA (PAVC/) PAVCO P.
 PA (LEEP/) LEE P.
 PA (DRAP/) DRAPER K.
 PA (ROBE/) ROBERTS E.

XX Blatt L, Macejak D, Mcswiggen J, Morrissey D, Pavco P, Lee P;
 PI Draper K, Roberts E;
 XX WPI; 2003-229207/22.

XX Novel compound useful for treating cirrhosis, liver failure,
 PT hepatocellular carcinoma, or condition associated with hepatitis C virus
 PT infection.

XX Example 1; Page 137; 387pp; English.

XX The present invention relates to nucleic acid molecules which modulate
 CC the synthesis, expression and/or stability of Hepatitis C virus (HCV) or
 CC Hepatitis B virus (HBV) RNA. The nucleic acid molecules include antisense
 CC and enzymatic nucleic acids such as hammerhead ribozymes, DNzymes,
 CC inozymes, zinzymes, amberyne, and G-cleaver ribozymes. Also disclosed
 CC are nucleic acid decoy molecules and aptamers that bind to HBV reverse

CC transcriptase and/or HBV reverse transcriptase primer sequences, as well
 CC as oligonucleotides that specifically bind the Enhancer I region of HBV
 CC DNA. The nucleic acids may be used to modulate the expression of HBV
 CC genes and HBV viral replication. Also disclosed is a method for screening
 CC compounds and/or potential therapies directed against HBV, and compounds
 CC that modulate the expression and/or replication of HCV. The compounds and
 CC methods of the invention are useful for the treatment of degenerative and
 CC disease states related to HBV and HCV infection, replication and gene
 CC expression such as cirrhosis, liver failure, and hepatocellular
 CC carcinoma. The present sequence represents a substrate for one of the HBV
 CC ribozyme, inozyme, G-cleaver, zinzyme, DNzyme or amberyne sequences
 CC disclosed in the present invention

XX Sequence 17 BP; 1 A; 4 C; 6 G; 0 T; 6 U; 0 Other;
 SQ Query Match 3.9%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 7.9e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 704 CCAGCGAGTCCACGA 719
 Db 17 CCAGCGATAACACGA 2

RESULT 1401
 ACD64292/C
 ID ACD64292 standard; RNA; 17 BP.
 XX AC ACD64292;
 XX 30-SEP-2003 (first entry)
 XX HCV minus strand DNzyme substrate sequence #1483.

XX Nucleic acid molecule; Hepatitis C virus; HCV; Hepatitis B virus; HBV;
 KW RNA stability; RNA expression; RNA synthesis; antisense;
 KW enzymatic nucleic acid; hammerhead ribozyme; DNzyme; zinzyme;
 KW amberyne; G-cleaver ribozyme; decoy molecule; aptamer;
 KW HBV reverse transcriptase; Enhancer I region; viral replication;
 KW degenerative; disease state; HBV infection; HCV infection; cirrhosis;
 KW liver failure; hepatocellular carcinoma; hepatotropic; cytostatic;
 KW virucide; antiinflammatory; substrate; ss.

XX Hepatitis C virus.
 OS
 XX WO200281494-A1.
 PN 17-OCT-2002.

XX 26-MAR-2002; 2002WO-US0009187.
 XX 26-MAR-2001; 2001US-00817879.
 PR 08-JUN-2001; 2001US-00877478.
 PR 08-JUN-2001; 2001US-0296876P.
 PR 24-OCT-2001; 2001US-0335059P.
 PR 05-DEC-2001; 2001US-0337055P.

XX (RIBO-) RIBOZYME PHARM INC.
 PA (BLAT/) BLATT L.
 PA (MACE/) MACEJAK D.
 PA (MCSW/) MCSWIGGEN J.
 PA (MORR/) MORRISSEY D.
 PA (PAVC/) PAVCO P.
 PA (LEEP/) LEE P.
 PA (DRAP/) DRAPER K.
 PA (ROBE/) ROBERTS E.

XX Blatt L, Macejak D, Mcswiggen J, Morrissey D, Pavco P, Lee P;
 PI Draper K, Roberts E;
 XX WPI; 2003-229207/22.

XX Novel compound useful for treating cirrhosis, liver failure,
 PT hepatocellular carcinoma, or condition associated with hepatitis C virus
 PT infection.

XX Example 1; Page 137; 387pp; English.

XX The present invention relates to nucleic acid molecules which modulate
 CC the synthesis, expression and/or stability of Hepatitis C virus (HCV) or
 CC Hepatitis B virus (HBV) RNA. The nucleic acid molecules include antisense
 CC and enzymatic nucleic acids such as hammerhead ribozymes, DNzymes,
 CC inozymes, zinzymes, amberyne, and G-cleaver ribozymes. Also disclosed
 CC are nucleic acid decoy molecules and aptamers that bind to HBV reverse

PT hepatocellular carcinoma, or condition associated with hepatitis C virus
PT infection.
XX
XX
XX Claim 1; Page 301; 387pp; English.
XX
CC The present invention relates to nucleic acid molecules which modulate
CC the synthesis, expression and/or stability of Hepatitis C virus (HCV) or
CC Hepatitis B virus (HBV) RNA. The nucleic acid molecules include antisense
CC and enzymatic nucleic acids such as hammerhead ribozymes, DNazymes,
CC inozymes, zinzymes, amberzymes, and G-cleaver ribozymes. Also disclosed
CC are nucleic acid decoy molecules and aptamers that bind to HBV reverse
CC transcriptase and/or HBV reverse transcriptase primer sequences, as well
CC as oligonucleotides that specifically bind the Enhancer I region of HBV
CC DNA. The nucleic acids may be used to modulate the expression of HBV
CC genes and HBV viral replication. Also disclosed is a method for screening
CC compounds and/or potential therapies directed against HBV, and compounds
CC that modulate the expression and/or replication of HCV. The compounds and
CC methods of the invention are useful for the treatment of degenerative and
CC disease states related to HBV and HCV infection, replication and gene
CC expression such as cirrhosis, liver failure, and hepatocellular
CC carcinoma. The present sequence represents a substrate for one of the HCV
CC DNAzyme or minus strand DNazyme sequences disclosed in the present
CC invention
XX
XX Sequence 17 BP; 4 A; 1 C; 8 G; 0 T; 4 U; 0 Other;
XX
XX Query Match 3.9%; Score 11.2; DB 1; Length 17;
XX Best Local Similarity 81.2%; Pred. No. 7.9e+02;
XX Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
XX
QY 921 ATCACCACCACTCC 936
Db 16 ATGACCACCTCACTCC 1

RESULT 1402
ACD54830
ID ACD54830 standard; RNA; 17 BP.
XX
XX ACD54830;
XX
XX 24-SEP-2003 (first entry)
XX
XX HBV DNazyme substrate sequence #134.
XX
XX Nucleic acid molecule; Hepatitis C virus; HCV; Hepatitis B virus; HBV;
XX RNA stability; RNA expression; RNA synthesis; antisense;
XX enzymatic nucleic acid; hammerhead ribozyme; DNazyme; inozyme; zinzyme;
XX amberyne; G-cleaver ribozyme; decoy molecule; aptamer;
XX HBV reverse transcriptase; Enhancer I region; viral replication;
XX degenerative; disease state; HBV infection; HCV infection; cirrhosis;
XX liver failure; hepatocellular carcinoma; hepatotropic; cytostatic;
XX virucide; antiinflammatory; substrate; ss.
XX
XX Hepatitis B virus.
XX
XX WO200281494-A1.
XX
XX 17-OCT-2002.
XX
XX 26-MAR-2002; 2002WO-US009187.
XX
XX 26-MAR-2001; 2001US-00817879.
XX 08-JUN-2001; 2001US-00877478.
XX 08-JUN-2001; 2001US-0296876P.
XX 24-OCT-2001; 2001US-0335059P.
XX 05-DEC-2001; 2001US-0337055P.
XX
XX (RIBO-) RIBOZYME PHARM INC.
XX (BLAT/) BLATT L.
XX (NACE/) MACEJAK D.
XX (MCSW/) MCSWIGGEN J.
XX (MORR/) MORRISSEY D.

PA (PAVC/) PAVCO P.
PA (LEEP/) LEE P.
PA (DRAP/) DRAPER K.
PA (ROBE/) ROBERTS E.

XX Blatt L, Macejak D, Mcswiggen J, Morrissey D, Pavco P, Lee P;
PI Draper K, Roberts E;
XX
XX WPI; 2003-229207/22.
XX

PT Novel compound useful for treating cirrhosis, liver failure,
PT hepatocellular carcinoma, or condition associated with hepatitis C virus
PT infection.
XX

XX Example 1; Page 189; 387pp; English.

XX The present invention relates to nucleic acid molecules which modulate
XX the synthesis, expression and/or stability of Hepatitis C virus (HCV) or
XX Hepatitis B virus (HBV) RNA. The nucleic acid molecules include antisense
XX and enzymatic nucleic acids such as hammerhead ribozymes, DNazymes,
XX inozymes, zinzymes, amberzymes, and G-cleaver ribozymes. Also disclosed
XX are nucleic acid decoy molecules and aptamers that bind to HBV reverse
XX transcriptase and/or HBV reverse transcriptase primer sequences, as well
XX as oligonucleotides that specifically bind the Enhancer I region of HBV
XX DNA. The nucleic acids may be used to modulate the expression of HBV
XX genes and HBV viral replication. Also disclosed is a method for screening
XX compounds and/or potential therapies directed against HBV, and compounds
XX that modulate the expression and/or replication of HCV. The compounds and
XX methods of the invention are useful for the treatment of degenerative and
XX disease states related to HBV and HCV infection, replication and gene
XX expression such as cirrhosis, liver failure, and hepatocellular
XX carcinoma. The present sequence represents a substrate for one of the HBV
XX ribozyme, inozyme, G-cleaver, zinzyme, DNazyme or amberyne sequences
XX disclosed in the present invention
XX

SQ Sequence 17 BP; 3 A; 1 C; 1 G; 0 T; 9 U; 0 Other;

Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 43.8%; Pred. No. 7.9e+02;
Matches 7; Conservative 6; Mismatches 3; Indels 0; Gaps 0;

QY 876 TTTCCTGAGATGCACT 891

Db 2 UUUCCUGACAUUCAUU 17

RESULT 1403

ACD55353/C

ID ACD55353 standard; RNA; 17 BP.

XX

AC ACD55353;

XX

DT 23-SEP-2003 (first entry)

XX

DE HBV amberyne substrate sequence #11.

XX

KW Nucleic acid molecule; Hepatitis C virus; HCV; Hepatitis B virus; HBV;

KW RNA stability; RNA expression; RNA synthesis; antisense;

KW enzymatic nucleic acid; hammerhead ribozyme; DNazyme; inozyme; zinzyme;

KW amberyne; G-cleaver ribozyme; decoy molecule; aptamer;

KW HBV reverse transcriptase; Enhancer I region; viral replication;

KW degenerative; disease state; HBV infection; HCV infection; cirrhosis;

KW liver failure; hepatocellular carcinoma; hepatotropic; cytostatic;

KW virucide; antiinflammatory; substrate; ss.

OS

OS Hepatitis B virus.

XX

PN WO200281494-A1.

XX

PD 17-OCT-2002.

XX

XX 26-MAR-2002; 2002WO-US009187.

XX

PR 26-MAR-2001; 2001US-00817879.
 PR 08-JUN-2001; 2001US-00877478.
 PR 08-JUN-2001; 2001US-0296876P.
 PR 24-OCT-2001; 2001US-0335059P.
 PR 05-DEC-2001; 2001US-0337055P.
 XX (RIBO-) RIBOZYME PHARM INC.
 PA (BLAT/) BLATT L.
 PA (MACE/) MACEJAK D.
 PA (MCSW/) MCSWIGGEN J.
 PA (MORR/) MORRISSEY D.
 PA (PAVC/) PAVCO P.
 PA (LEEP/) LEE P.
 PA (DRAP/) DRAPER K.
 PA (ROBE/) ROBERTS E.
 XX Blatt L, Macejak D, Mcswiggen J, Morrissey D, Pavco P, Lee P;
 PI Draper K, Roberts E;
 XX WPI; 2003-229207/22.
 DR Novel compound useful for treating cirrhosis, liver failure,
 PT hepatocellular carcinoma, or condition associated with hepatitis C virus
 PT infection.
 XX Example 1; Page 202; 387pp; English.
 XX The present invention relates to nucleic acid molecules which modulate
 CC the synthesis, expression and/or stability of Hepatitis C virus (HCV) or
 CC Hepatitis B virus (HBV) RNA. The nucleic acid molecules include antisense
 CC and enzymatic nucleic acids such as hammerhead ribozymes, DNazymes,
 CC inozymes, zinzymes, amberzymes, and G-cleaver ribozymes. Also disclosed
 CC are nucleic acid decoy molecules and aptamers that bind to HBV reverse
 CC transcriptase and/or HBV reverse transcriptase primer sequences, as well
 CC as oligonucleotides that specifically bind the Enhancer I region of HBV
 CC DNA. The nucleic acids may be used to modulate the expression of HBV
 CC genes and HBV viral replication. Also disclosed is a method for screening
 CC compounds and/or potential therapies directed against HBV, and compounds
 CC that modulate the expression and/or replication of HCV. The compounds and
 CC methods of the invention are useful for the treatment of degenerative and
 CC disease states related to HBV and HCV infection, replication and gene
 CC expression such as cirrhosis, liver failure, and hepatocellular
 CC carcinoma. The present sequence represents a substrate for one of the HBV
 CC ribozyme, inozyme, G-cleaver, zinzyme, DNazyme or amberzyme sequences
 CC disclosed in the present invention
 XX Sequence 17 BP; 4 A; 5 C; 6 G; 0 T; 2 U; 0 Other;
 SQ Query Match 3.9%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 7.9e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
 QY 754 AGGTCCTTAGGCTTC 769
 DB 17 AGGTCCTTAGGCTTC 2
 RESULT 1404
 ACDS9269/C
 ID ACDS9269 standard; RNA; 17 BP.
 XX AC ACDS9269;
 XX 24-SEP-2003 (first entry)
 DE HCV DNazyme substrate sequence #1239.
 XX Nucleic acid molecule; Hepatitis C virus; HCV; Hepatitis B virus; HBV;
 KW RNA stability; RNA expression; RNA synthesis; antisense;
 KW enzymatic nucleic acid; hammerhead ribozyme; DNazyme; inozyme; zinzyme;
 KW amberzyme; G-cleaver ribozyme; decoy molecule; aptamer;
 KW HBV reverse transcriptase; Enhancer I region; viral replication;
 KW degenerative; disease state; HBV infection; HCV infection; cirrhosis;

KW liver failure; hepatocellular carcinoma; hepatotropic; cytostatic;
 KW virucide; antiinflammatory; substrate; ss.
 XX Hepatitis C virus.
 OS WO200281494-A1.
 XX 17-OCT-2002.
 XX 26-MAR-2002; 2002WO-US009187.
 XX 26-MAR-2001; 2001US-00817879.
 PR 08-JUN-2001; 2001US-00877478.
 PR 08-JUN-2001; 2001US-0296876P.
 PR 24-OCT-2001; 2001US-0335059P.
 PR 05-DEC-2001; 2001US-0337055P.
 XX (RIBO-) RIBOZYME PHARM INC.
 PA (BLAT/) BLATT L.
 PA (MACE/) MACEJAK D.
 PA (MCSW/) MCSWIGGEN J.
 PA (MORR/) MORRISSEY D.
 PA (PAVC/) PAVCO P.
 PA (LEEP/) LEE P.
 PA (DRAP/) DRAPER K.
 PA (ROBE/) ROBERTS E.
 XX Blatt L, Macejak D, Mcswiggen J, Morrissey D, Pavco P, Lee P;
 PI Draper K, Roberts E;
 XX WPI; 2003-229207/22.
 DR Novel compound useful for treating cirrhosis, liver failure,
 PT hepatocellular carcinoma, or condition associated with hepatitis C virus
 PT infection.
 XX Claim 1; Page 256; 387pp; English.
 XX The present invention relates to nucleic acid molecules which modulate
 CC the synthesis, expression and/or stability of Hepatitis C virus (HCV) or
 CC Hepatitis B virus (HBV) RNA. The nucleic acid molecules include antisense
 CC and enzymatic nucleic acids such as hammerhead ribozymes, DNazymes,
 CC inozymes, zinzymes, amberzymes, and G-cleaver ribozymes. Also disclosed
 CC are nucleic acid decoy molecules and aptamers that bind to HBV reverse
 CC transcriptase and/or HBV reverse transcriptase primer sequences, as well
 CC as oligonucleotides that specifically bind the Enhancer I region of HBV
 CC DNA. The nucleic acids may be used to modulate the expression of HBV
 CC genes and HBV viral replication. Also disclosed is a method for screening
 CC compounds and/or potential therapies directed against HBV, and compounds
 CC that modulate the expression and/or replication of HCV. The compounds and
 CC methods of the invention are useful for the treatment of degenerative and
 CC disease states related to HBV and HCV infection, replication and gene
 CC expression such as cirrhosis, liver failure, and hepatocellular
 CC carcinoma. The present sequence represents a substrate for one of the HCV
 CC DNazyme or minus strand DNazyme sequences disclosed in the present
 CC invention.
 XX Sequence 17 BP; 3 A; 3 C; 7 G; 0 T; 4 U; 0 Other;
 SQ Query Match 3.9%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 7.9e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
 QY 842 TCTGAAGACAGCGCTCC 857
 DB 17 TGTGAAGACAGCGCTCC 2
 RESULT 1405
 ACDS65163/C
 ID ACDS65163 standard; RNA; 17 BP.
 XX AC ACDS65163;
 AC ACDS65163;

XX 30-SEP-2003 (first entry)
 XX HCV minus strand DNazyme substrate sequence #1906.
 DE
 XX Nucleic acid molecule; Hepatitis C virus; HCV; Hepatitis B virus; HBV;
 KW RNA stability; RNA expression; RNA synthesis; antisense;
 KW enzymatic nucleic acid; hammerhead ribozyme; DNazyme; inozyme; zinzyme;
 KW amberzyme; G-cleaver ribozyme; decoy molecule; aptamer;
 KW HBV reverse transcriptase; Enhancer I region; viral replication;
 KW degenerative; disease state; HBV infection; HCV infection; cirrhosis;
 KW liver failure; hepatocellular carcinoma; hepatotropic; cytostatic;
 KW virucide; antiinflammatory; substrate; ss.
 XX
 OS Hepatitis C virus.
 XX
 XX WO200281494-A1.
 XX 17-OCT-2002.
 XX 26-MAR-2002; 2002WO-US009187.
 XX 26-MAR-2001; 2001US-00817879.
 PR 08-JUN-2001; 2001US-00877478.
 PR 08-JUN-2001; 2001US-0296876P.
 PR 24-OCT-2001; 2001US-0335059P.
 PR 05-DEC-2001; 2001US-0337055P.
 XX (RIBO-) RIBOZYME PHARM INC.
 PA (BLAT/) BLATT L.
 PA (MACE/) MACEJAK D.
 PA (MCSW/) MCSWIGGEN J.
 PA (MORR/) MORRISSEY D.
 PA (PAVC/) PAVCO P.
 PA (LEEP/) LEE P.
 PA (DRAP/) DRAPER K.
 PA (ROBE/) ROBERTS E.
 XX Blatt L, Macejak D, Mcswiggen J, Morrissey D, Pavco P, Lee P;
 PI Draper K, Roberts E;
 PI WPI; 2003-229207/22.
 XX Novel compound useful for treating cirrhosis, liver failure,
 PT hepatocellular carcinoma, or condition associated with hepatitis C virus
 PT infection.
 PT
 XX Claim 1; Page 309; 387pp; English.
 XX The present invention relates to nucleic acid molecules which modulate
 CC the synthesis, expression and/or stability of Hepatitis C virus (HCV) or
 CC Hepatitis B virus (HBV) RNA. The nucleic acid molecules include antisense
 CC and enzymatic nucleic acids such as hammerhead ribozymes, DNazymes,
 CC inozymes, zinzymes, amberzymes, and G-cleaver ribozymes. Also disclosed
 CC are nucleic acid decoy molecules and aptamers that bind to HBV reverse
 CC transcriptase and/or HBV reverse transcriptase primer sequences, as well
 CC as oligonucleotides that specifically bind the Enhancer I region of HBV
 CC DNA. The nucleic acids may be used to modulate the expression of HBV
 CC genes and HBV viral replication. Also disclosed is a method for screening
 CC compounds and/or potential therapies directed against HBV, and compounds
 CC that modulate the expression and/or replication of HCV. The compounds and
 CC disease states related to HBV and HCV infection, replication and gene
 CC expression such as cirrhosis, liver failure, and hepatocellular
 CC carcinoma. The present sequence represents a substrate for one of the HCV
 CC DNazyme or minus strand DNazyme sequences disclosed in the present
 CC invention
 XX
 XX Sequence 17 BP; 6 A; 3 C; 5 G; 0 T; 3 U; 0 Other;
 SQ
 Query Match 3.9%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 7.9e-02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 968 CTCTTAATCTGGTG 983
 DB ||||| ||||| |||||
 16 CTCTTACATCTGGAG 1

RESULT 1406

ACD62617
 ID ACD62617 standard; RNA; 17 BP.

XX ACD62617;
 AC

XX 23-SEP-2003 (first entry)
 DT

XX HCV minus strand DNazyme substrate sequence #648.
 DE

XX Nucleic acid molecule; Hepatitis C virus; HCV; Hepatitis B virus; HBV;
 KW RNA stability; RNA expression; RNA synthesis; antisense;
 KW enzymatic nucleic acid; hammerhead ribozyme; DNazyme; zinzyme;
 KW amberzyme; G-cleaver ribozyme; decoy molecule; aptamer;
 KW HBV reverse transcriptase; Enhancer I region; viral replication;
 KW degenerative; disease state; HBV infection; HCV infection; cirrhosis;
 KW liver failure; hepatocellular carcinoma; hepatotropic; cytostatic;
 KW virucide; antiinflammatory; substrate; ss.

XX Hepatitis C virus.
 OS

XX WO200281494-A1.
 PN

XX 17-OCT-2002.
 XX

XX 26-MAR-2002; 2002WO-US009187.
 XX

XX 26-MAR-2001; 2001US-00817879.
 PR

XX 08-JUN-2001; 2001US-00877478.
 PR

XX 08-JUN-2001; 2001US-0296876P.
 PR

XX 24-OCT-2001; 2001US-0335059P.
 PR

XX 05-DEC-2001; 2001US-0337055P.
 PR

XX (RIBO-) RIBOZYME PHARM INC.
 PA

PA (BLAT/) BLATT L.
 PA

PA (MACE/) MACEJAK D.
 PA

PA (MCSW/) MCSWIGGEN J.
 PA

PA (MORR/) MORRISSEY D.
 PA

PA (PAVC/) PAVCO P.
 PA

PA (LEEP/) LEE P.
 PA

PA (DRAP/) DRAPER K.
 PA

PA (ROBE/) ROBERTS E.
 PA

PI Blatt L, Macejak D, Mcswiggen J, Morrissey D, Pavco P, Lee P;
 PI Draper K, Roberts E;
 PI WPI; 2003-229207/22.

XX Novel compound useful for treating cirrhosis, liver failure,
 PT hepatocellular carcinoma, or condition associated with hepatitis C virus
 PT infection.

XX Claim 1; Page 286; 387pp; English.

XX The present invention relates to nucleic acid molecules which modulate
 CC the synthesis, expression and/or stability of Hepatitis C virus (HCV) or
 CC Hepatitis B virus (HBV) RNA. The nucleic acid molecules include antisense
 CC and enzymatic nucleic acids such as hammerhead ribozymes, DNazymes,
 CC inozymes, zinzymes, amberzymes, and G-cleaver ribozymes. Also disclosed
 CC are nucleic acid decoy molecules and aptamers that bind to HBV reverse
 CC transcriptase and/or HBV reverse transcriptase primer sequences, as well
 CC as oligonucleotides that specifically bind the Enhancer I region of HBV
 CC DNA. The nucleic acids may be used to modulate the expression of HBV
 CC genes and HBV viral replication. Also disclosed is a method for screening
 CC compounds and/or potential therapies directed against HBV, and compounds
 CC that modulate the expression and/or replication of HCV. The compounds and
 CC methods of the invention are useful for the treatment of degenerative and

XX WPI; 2003-229207/22.
 XX Novel compound useful for treating cirrhosis, liver failure.
 XX hepatocellular carcinoma, or condition associated with hepatitis C virus
 XX infection.
 XX Claim 1; Page 259; 387pp; English.
 XX
 XX The present invention relates to nucleic acid molecules which modulate
 XX the synthesis, expression and/or stability of Hepatitis C virus (HCV) or
 XX Hepatitis B virus (HBV) RNA. The nucleic acid molecules include antisense
 XX and enzymatic nucleic acids such as hammerhead ribozymes, DNazymes,
 XX inozymes, zinzymes, amberzymes, and G-cleaver ribozymes. Also disclosed
 XX are nucleic acid decoy molecules and aptamers that bind to HBV reverse
 XX transcriptase and/or HBV reverse transcriptase primer sequences, as well
 XX as oligonucleotides that specifically bind the Enhancer I region of HBV
 XX DNA. The nucleic acids may be used to modulate the expression of HBV
 XX genes and HBV viral replication. Also disclosed is a method for screening
 XX compounds and/or potential therapies directed against HBV, and compounds
 XX that modulate the expression and/or replication of HCV. The compounds and
 XX methods of the invention are useful for the treatment of degenerative and
 XX disease states related to HBV and HCV infection, replication and gene
 XX expression such as cirrhosis, liver failure, and hepatocellular
 XX carcinoma. The present sequence represents a substrate for one of the HCV
 XX DNazyme or minus strand DNazyme sequences disclosed in the present
 XX invention
 XX Sequence 17 BP; 4 A; 9 C; 2 G; 0 T; 2 U; 0 Other;
 XX
 XX Query Match 3.9%; Score 11.2; DB 1; Length 17;
 XX Best Local Similarity 68.8%; Pred. No. 7.9e+02;
 XX Matches 11; Conservative 2; Mismatches 3; Indels 0; Gaps 0;
 XX
 XX QY 920 CATCACACACCCCTC 935
 XX 1 CAUCACACGCCGCUC 16
 XX
 XX RESULT 1409
 XX ACD59285/c
 XX ID ACD59285 standard; RNA; 17 BP.
 XX AC ACD59285;
 XX DT 24-SEP-2003 (first entry)
 XX DE HCV DNazyme substrate sequence #1255.
 XX
 XX Nucleic acid molecule; Hepatitis C virus; HCV; Hepatitis B virus; HBV;
 XX RNA stability; RNA expression; RNA synthesis; antisense;
 XX enzymatic nucleic acid; hammerhead ribozyme; DNazyme; inozyme; zinzyme;
 XX amberyne; G-cleaver ribozyme; decoy molecule; aptamer;
 XX HBV reverse transcriptase; Enhancer I region; viral replication;
 XX degenerative; disease state; HBV infection; HCV infection; cirrhosis;
 XX liver failure; hepatocellular carcinoma; hepatotropic; cytostatic;
 XX virucide; antiinflammatory; substrate; ss.
 XX
 XX Hepatitis C virus.
 XX
 XX WO200281494-A1.
 XX 17-OCT-2002.
 XX
 XX 26-MAR-2002; 2002WO-US009187.
 XX
 XX 26-MAR-2001; 2001US-00817879.
 XX 08-JUN-2001; 2001US-00877478.
 XX 08-JUN-2001; 2001US-0296876P.
 XX 24-OCT-2001; 2001US-0335059P.
 XX 05-DEC-2001; 2001US-0337055P.
 XX
 XX (RIBO-) RIBOZYME PHARM INC.

PA (BLATT/) BLATT L.
 PA (MACE/) MACEJAK D.
 PA (MCSW/) MCSWIGGEN J.
 PA (MORR/) MORRISSEY D.
 PA (PAYC/) PAVCO P.
 PA (LEEP/) LEE P.
 PA (DRAP/) DRAPER K.
 PA (ROBE/) ROBERTS E.
 XX
 XX Blatt L, Macejak D, Mcswiggen J, Morrissey D, Pavco P, Lee P;
 XX Draper K, Roberts E;
 XX WPI; 2003-229207/22.
 XX
 XX Novel compound useful for treating cirrhosis, liver failure,
 XX hepatocellular carcinoma, or condition associated with hepatitis C virus
 XX infection.
 XX Claim 1; Page 256; 387pp; English.
 XX
 XX The present invention relates to nucleic acid molecules which modulate
 XX the synthesis, expression and/or stability of Hepatitis C virus (HCV) or
 XX Hepatitis B virus (HBV) RNA. The nucleic acid molecules include antisense
 XX and enzymatic nucleic acids such as hammerhead ribozymes, DNazymes,
 XX inozymes, zinzymes, amberzymes, and G-cleaver ribozymes. Also disclosed
 XX are nucleic acid decoy molecules and aptamers that bind to HBV reverse
 XX transcriptase and/or HBV reverse transcriptase primer sequences, as well
 XX as oligonucleotides that specifically bind the Enhancer I region of HBV
 XX DNA. The nucleic acids may be used to modulate the expression of HBV
 XX genes and HBV viral replication. Also disclosed is a method for screening
 XX compounds and/or potential therapies directed against HBV, and compounds
 XX that modulate the expression and/or replication of HCV. The compounds and
 XX methods of the invention are useful for the treatment of degenerative and
 XX disease states related to HBV and HCV infection, replication and gene
 XX expression such as cirrhosis, liver failure, and hepatocellular
 XX carcinoma. The present sequence represents a substrate for one of the HCV
 XX DNazyme or minus strand DNazyme sequences disclosed in the present
 XX invention
 XX Sequence 17 BP; 6 A; 5 C; 3 G; 0 T; 3 U; 0 Other;
 XX
 XX Query Match 3.9%; Score 11.2; DB 1; Length 17;
 XX Best Local Similarity 81.2%; Pred. No. 7.9e+02;
 XX Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
 XX
 XX QY 741 TTGCTAGGTCCTCCAGG 756
 XX 17 TTGCTATGCTACCAGG 2
 XX
 XX RESULT 1410
 XX ACD61386/c
 XX ID ACD61386 standard; RNA; 17 BP.
 XX AC ACD61386;
 XX DT 23-SEP-2003 (first entry)
 XX DE HCV minus strand DNazyme substrate sequence #28.
 XX
 XX Nucleic acid molecule; Hepatitis C virus; HCV; Hepatitis B virus; HBV;
 XX RNA stability; RNA expression; RNA synthesis; antisense;
 XX enzymatic nucleic acid; hammerhead ribozyme; DNazyme; inozyme; zinzyme;
 XX amberyne; G-cleaver ribozyme; decoy molecule; aptamer;
 XX HBV reverse transcriptase; Enhancer I region; viral replication;
 XX degenerative; disease state; HBV infection; HCV infection; cirrhosis;
 XX liver failure; hepatocellular carcinoma; hepatotropic; cytostatic;
 XX virucide; antiinflammatory; substrate; ss.
 XX
 XX Hepatitis C virus.
 XX
 XX WO200281494-A1.

PD 17-OCT-2002.
 XX
 XX
 PF 26-MAR-2002; 2002WO-US009187.
 XX
 XX
 PR 26-MAR-2001; 2001US-00817879.
 PR 08-JUN-2001; 2001US-00877478.
 PR 08-JUN-2001; 2001US-0296876P.
 PR 24-OCT-2001; 2001US-0335059P.
 PR 05-DEC-2001; 2001US-0337055P.
 XX
 XX
 PA (RIBO-) RIBOZYME PHARM INC.
 PA (BLAT/) BLATT L.
 PA (MACE/) MACEJAK D.
 PA (MCSW/) MCSWIGGEN J.
 PA (NORR/) MORRISSEY D.
 PA (PAVC/) PAVCO P.
 PA (LEEP/) LEE P.
 PA (DRAP/) DRAPER K.
 PA (ROBE/) ROBERTS E.
 XX
 XX
 PI Blatt L, Macejak D, Mcswiggen J, Morrissey D, Pavco P, Lee P;
 PI Draper K, Roberts E;
 XX
 DR WPI; 2003-229207/22.
 XX
 PT Novel compound useful for treating cirrhosis, liver failure,
 PT hepatocellular carcinoma, or condition associated with hepatitis C virus
 PT infection.
 XX
 XX
 PS Claim 1; Page 275; 387pp; English.
 XX
 CC The present invention relates to nucleic acid molecules which modulate
 CC the synthesis, expression and/or stability of Hepatitis C virus (HCV) or
 CC Hepatitis B virus (HBV) RNA. The nucleic acid molecules include antisense
 CC and enzymatic nucleic acids such as hammerhead ribozymes, DNazymes,
 CC inozymes, zinzymes, amberzymes, and G-cleaver ribozymes. Also disclosed
 CC are nucleic acid decoy molecules and aptamers that bind to HBV reverse
 CC transcriptase and/or HBV reverse transcriptase primer sequences, as well
 CC as oligonucleotides that specifically bind the Enhancer I region of HBV
 CC DNA. The nucleic acids may be used to modulate the expression of HBV
 CC genes and HBV viral replication. Also disclosed is a method for screening
 CC compounds and/or potential therapies directed against HBV, and compounds
 CC that modulate the expression and/or replication of HCV. The compounds and
 CC methods of the invention are useful for the treatment of degenerative and
 CC disease states related to HBV and HCV infection, replication and gene
 CC expression such as cirrhosis, liver failure, and hepatocellular
 CC carcinoma. The present sequence represents a substrate for one of the HCV
 CC DNzyme or minus strand DNzyme sequences disclosed in the present
 CC invention
 XX
 SQ Sequence 17 BP; 4 A; 4 C; 7 G; 0 T; 2 U; 0 Other;
 Query Match 3.9%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 7.9e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
 QY 782 CAGCCCTCTGGGCC 797
 Db 16 CAGCCTGTCTGGGCC 1
 RESULT 1411
 ACDS2498
 ID ACDS2498 standard; RNA; 17 BP.
 XX
 AC ACDS2498;
 XX
 XX 24-SEP-2003 (first entry)
 DT
 XX HBV inozyme substrate sequence #424.
 DE
 XX Nucleic acid molecule; Hepatitis C virus; HCV; Hepatitis B virus; HBV;
 KW RNA stability; RNA expression; RNA synthesis; antisense;
 KW enzymatic nucleic acid; hammerhead ribozyme; DNzyme; inozyme; zinzyme;
 KW amberzyme; G-cleaver ribozyme; decoy molecule; aptamer;
 KW HBV reverse transcriptase; Enhancer I region; viral replication;
 KW degenerative; disease state; HBV infection; HCV infection; cirrhosis;
 KW liver failure; hepatocellular carcinoma; hepatotropic; cytostatic;
 KW virucide; antiinflammatory; substrate; ss.
 XX
 OS Hepatitis B virus.
 XX
 PN WO200281494-A1.
 XX
 PD 17-OCT-2002.
 XX
 PF 26-MAR-2002; 2002WO-US009187.
 XX
 PR 26-MAR-2001; 2001US-00817879.
 PR 08-JUN-2001; 2001US-00877478.
 PR 08-JUN-2001; 2001US-0296876P.
 PR 24-OCT-2001; 2001US-0335059P.
 PR 05-DEC-2001; 2001US-0337055P.
 XX
 XX
 PA (RIBO-) RIBOZYME PHARM INC.
 PA (BLAT/) BLATT L.
 PA (MACE/) MACEJAK D.
 PA (MCSW/) MCSWIGGEN J.
 PA (NORR/) MORRISSEY D.
 PA (PAVC/) PAVCO P.
 PA (LEEP/) LEE P.
 PA (DRAP/) DRAPER K.
 PA (ROBE/) ROBERTS E.
 XX
 XX
 PI Blatt L, Macejak D, Mcswiggen J, Morrissey D, Pavco P, Lee P;
 PI Draper K, Roberts E;
 XX
 DR WPI; 2003-229207/22.
 XX
 PT Novel compound useful for treating cirrhosis, liver failure,
 PT hepatocellular carcinoma, or condition associated with hepatitis C virus
 PT infection.
 XX
 XX
 PS Claim 1; Page 275; 387pp; English.
 XX
 CC The present invention relates to nucleic acid molecules which modulate
 CC the synthesis, expression and/or stability of Hepatitis C virus (HCV) or
 CC Hepatitis B virus (HBV) RNA. The nucleic acid molecules include antisense
 CC and enzymatic nucleic acids such as hammerhead ribozymes, DNazymes,
 CC inozymes, zinzymes, amberzymes, and G-cleaver ribozymes. Also disclosed
 CC are nucleic acid decoy molecules and aptamers that bind to HBV reverse
 CC transcriptase and/or HBV reverse transcriptase primer sequences, as well
 CC as oligonucleotides that specifically bind the Enhancer I region of HBV
 CC DNA. The nucleic acids may be used to modulate the expression of HBV
 CC genes and HBV viral replication. Also disclosed is a method for screening
 CC compounds and/or potential therapies directed against HBV, and compounds
 CC that modulate the expression and/or replication of HCV. The compounds and
 CC methods of the invention are useful for the treatment of degenerative and
 CC disease states related to HBV and HCV infection, replication and gene
 CC expression such as cirrhosis, liver failure, and hepatocellular
 CC carcinoma. The present sequence represents a substrate for one of the HCV
 CC DNzyme or minus strand DNzyme sequences disclosed in the present
 CC invention
 XX
 SQ Sequence 17 BP; 4 A; 4 C; 7 G; 0 T; 2 U; 0 Other;
 Query Match 3.9%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 7.9e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
 QY 782 CAGCCCTCTGGGCC 797
 Db 16 CAGCCTGTCTGGGCC 1
 RESULT 1411
 ACDS2498
 ID ACDS2498 standard; RNA; 17 BP.
 XX
 AC ACDS2498;
 XX
 XX 24-SEP-2003 (first entry)
 DT
 XX HBV inozyme substrate sequence #424.
 DE
 XX Nucleic acid molecule; Hepatitis C virus; HCV; Hepatitis B virus; HBV;
 KW RNA stability; RNA expression; RNA synthesis; antisense;
 KW enzymatic nucleic acid; hammerhead ribozyme; DNzyme; inozyme; zinzyme;
 KW amberzyme; G-cleaver ribozyme; decoy molecule; aptamer;
 KW HBV reverse transcriptase; Enhancer I region; viral replication;
 KW degenerative; disease state; HBV infection; HCV infection; cirrhosis;
 KW liver failure; hepatocellular carcinoma; hepatotropic; cytostatic;
 KW virucide; antiinflammatory; substrate; ss.
 XX
 OS Hepatitis B virus.
 XX
 PN WO200281494-A1.
 XX
 PD 17-OCT-2002.
 XX
 PF 26-MAR-2002; 2002WO-US009187.
 XX
 PR 26-MAR-2001; 2001US-00817879.
 PR 08-JUN-2001; 2001US-00877478.
 PR 08-JUN-2001; 2001US-0296876P.
 PR 24-OCT-2001; 2001US-0335059P.
 PR 05-DEC-2001; 2001US-0337055P.
 XX
 XX
 PA (RIBO-) RIBOZYME PHARM INC.
 PA (BLAT/) BLATT L.
 PA (MACE/) MACEJAK D.
 PA (MCSW/) MCSWIGGEN J.
 PA (NORR/) MORRISSEY D.
 PA (PAVC/) PAVCO P.
 PA (LEEP/) LEE P.
 PA (DRAP/) DRAPER K.
 PA (ROBE/) ROBERTS E.
 XX
 XX
 PI Blatt L, Macejak D, Mcswiggen J, Morrissey D, Pavco P, Lee P;
 PI Draper K, Roberts E;
 XX
 DR WPI; 2003-229207/22.
 XX
 PT Novel compound useful for treating cirrhosis, liver failure,
 PT hepatocellular carcinoma, or condition associated with hepatitis C virus
 PT infection.
 XX
 XX
 PS Example 1; Page 158; 387pp; English.
 XX
 CC The present invention relates to nucleic acid molecules which modulate
 CC the synthesis, expression and/or stability of Hepatitis C virus (HCV) or
 CC Hepatitis B virus (HBV) RNA. The nucleic acid molecules include antisense
 CC and enzymatic nucleic acids such as hammerhead ribozymes, DNazymes,
 CC inozymes, zinzymes, amberzymes, and G-cleaver ribozymes. Also disclosed
 CC are nucleic acid decoy molecules and aptamers that bind to HBV reverse
 CC transcriptase and/or HBV reverse transcriptase primer sequences, as well
 CC as oligonucleotides that specifically bind the Enhancer I region of HBV
 CC DNA. The nucleic acids may be used to modulate the expression of HBV
 CC genes and HBV viral replication. Also disclosed is a method for screening
 CC compounds and/or potential therapies directed against HBV, and compounds
 CC that modulate the expression and/or replication of HCV. The compounds and
 CC methods of the invention are useful for the treatment of degenerative and
 CC disease states related to HBV and HCV infection, replication and gene
 CC expression such as cirrhosis, liver failure, and hepatocellular
 CC carcinoma. The present sequence represents a substrate for one of the HBV
 CC ribozyme, inozyme, G-cleaver, zinzyme, DNzyme or amberzyme sequences
 CC disclosed in the present invention
 XX
 SQ Sequence 17 BP; 6 A; 7 C; 2 G; 0 T; 2 U; 0 Other;
 Query Match 3.9%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 68.8%; Pred. No. 7.9e+02;
 Matches 11; Conservative 2; Mismatches 3; Indels 0; Gaps 0;
 QY 922 TCACCACCCCTCCCA 937
 Db 1 UCACCAGCACCAGCA 16
 RESULT 1412

ACDS2930/C
ID ACDS2930 standard; RNA; 17 BP.
AC ACDS2930;
XX
XX
XX 24-SEP-2003 (first entry)
XX
XX HBV inozyme substrate sequence #652.
XX
XX Nucleic acid molecule; Hepatitis C virus; HCV; Hepatitis B virus; HBV;
KW RNA stability; RNA expression; RNA synthesis; antisense;
KW enzymatic nucleic acid; hammerhead ribozyme; DNazyme; inozyme; zinzyme;
KW amberyne; G-cleaver ribozyme; decoy molecule; aptamer;
KW HBV reverse transcriptase; Enhancer I region; viral replication;
KW degenerative; disease state; HBV infection; HCV infection; cirrhosis;
KW liver failure; hepatocellular carcinoma; hepatotropic; cytostatic;
KW virucide; antiinflammatory; substrate; ss.
XX
XX Hepatitis B virus.
XX
XX WO200281494-A1.
XX
XX 17-OCT-2002.
XX
XX 26-MAR-2002; 2002WO-US009187.
XX
XX 26-MAR-2001; 2001US-00817879.
PR 08-JUN-2001; 2001US-00877478.
PR 08-JUN-2001; 2001US-0296876P.
PR 24-OCT-2001; 2001US-0335059P.
PR 05-DEC-2001; 2001US-0337055P.
XX
XX (RIBO-) RIBOZYME PHARM INC.
PA (BLAT/) BLATT L.
PA (MACE/) MACEJAK D.
PA (MCSW/) MCSWIGGEN J.
PA (MORR/) MORRISSEY J.
PA (PAVC/) PAVCO P.
PA (LEEP/) LEE P.
PA (DRAP/) DRAPER K.
PA (ROBE/) ROBERTS E.
XX
XX Blatt L, Macejak D, Mcswiggen J, Morrissey J, Morrissey D, Pavco P, Lee P;
PI Draper K, Roberts E;
XX WPI; 2003-229207/22.
XX
XX Novel compound useful for treating cirrhosis, liver failure,
PT hepatocellular carcinoma, or condition associated with hepatitis C virus
PT infection.
XX
XX Example 1; Page 162; 387pp; English.
XX
XX The present invention relates to nucleic acid molecules which modulate
CC the synthesis, expression and/or stability of Hepatitis C virus (HCV) or
CC Hepatitis B virus (HBV) RNA. The nucleic acid molecules include antisense
CC and enzymatic nucleic acids such as hammerhead ribozymes, DNazymes,
CC inozymes, zinzymes, amberyne, and G-cleaver ribozymes. Also disclosed
CC are nucleic acid decoy molecules and aptamers that bind to HBV reverse
CC transcriptase and/or HBV reverse transcriptase primer sequences, as well
CC as oligonucleotides that specifically bind the Enhancer I region of HBV
CC DNA. The nucleic acids may be used to modulate the expression of HBV
CC genes and HBV viral replication. Also disclosed is a method for screening
CC compounds and/or potential therapies directed against HBV, and compounds
CC that modulate the expression and/or replication of HCV. The compounds and
CC methods of the invention are useful for the treatment of degenerative and
CC disease states related to HBV and HCV infection, replication and gene
CC expression such as cirrhosis, liver failure, and hepatocellular
CC carcinoma. The present sequence represents a substrate for one of the HBV
CC ribozyme, inozyme, G-cleaver, zinzyme, DNazyme or amberyne sequences
CC disclosed in the present invention
XX
XX Sequence 17 BP; 3 A; 6 C; 3 G; 0 T; 5 U; 0 Other;

Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.9e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 709 GAGTCCAGGAGAGTG 724
DB 16 GAATCCAGGGGATTG 1
RESULT 1413
ACDS0468
ID ACD50468 standard; RNA; 17 BP.
XX
XX ACD50468;
XX
XX 23-SEP-2003 (first entry)
XX
XX HBV hammerhead ribozyme substrate sequence #87.
XX
XX Nucleic acid molecule; Hepatitis C virus; HCV; Hepatitis B virus; HBV;
KW RNA stability; RNA expression; RNA synthesis; antisense;
KW enzymatic nucleic acid; hammerhead ribozyme; DNazyme; zinzyme;
KW amberyne; G-cleaver ribozyme; decoy molecule; aptamer;
KW HBV reverse transcriptase; Enhancer I region; viral replication;
KW degenerative; disease state; HBV infection; HCV infection; cirrhosis;
KW liver failure; hepatocellular carcinoma; hepatotropic; cytostatic;
KW virucide; antiinflammatory; substrate; ss.
XX
XX Hepatitis B virus.
XX
XX WO200281494-A1.
XX
XX 17-OCT-2002.
XX
XX 26-MAR-2002; 2002WO-US009187.
XX
XX 26-MAR-2001; 2001US-00817879.
PR 08-JUN-2001; 2001US-00877478.
PR 08-JUN-2001; 2001US-0296876P.
PR 24-OCT-2001; 2001US-0335059P.
PR 05-DEC-2001; 2001US-0337055P.
XX
XX (RIBO-) RIBOZYME PHARM INC.
PA (BLAT/) BLATT L.
PA (MACE/) MACEJAK D.
PA (MCSW/) MCSWIGGEN J.
PA (MORR/) MORRISSEY J.
PA (PAVC/) PAVCO P.
PA (LEEP/) LEE P.
PA (DRAP/) DRAPER K.
PA (ROBE/) ROBERTS E.
XX
XX Blatt L, Macejak D, Mcswiggen J, Morrissey J, Morrissey D, Pavco P, Lee P;
PI Draper K, Roberts E;
XX WPI; 2003-229207/22.
XX
XX Novel compound useful for treating cirrhosis, liver failure,
PT hepatocellular carcinoma, or condition associated with hepatitis C virus
PT infection.
XX
XX Example 1; Page 137; 387pp; English.
XX
XX The present invention relates to nucleic acid molecules which modulate
CC the synthesis, expression and/or stability of Hepatitis C virus (HCV) or
CC Hepatitis B virus (HBV) RNA. The nucleic acid molecules include antisense
CC and enzymatic nucleic acids such as hammerhead ribozymes, DNazymes,
CC inozymes, zinzymes, amberyne, and G-cleaver ribozymes. Also disclosed
CC are nucleic acid decoy molecules and aptamers that bind to HBV reverse
CC transcriptase and/or HBV reverse transcriptase primer sequences, as well
CC as oligonucleotides that specifically bind the Enhancer I region of HBV
CC DNA. The nucleic acids may be used to modulate the expression of HBV
CC genes and HBV viral replication. Also disclosed is a method for screening
CC compounds and/or potential therapies directed against HBV, and compounds
CC that modulate the expression and/or replication of HCV. The compounds and
CC methods of the invention are useful for the treatment of degenerative and
CC disease states related to HBV and HCV infection, replication and gene
CC expression such as cirrhosis, liver failure, and hepatocellular
CC carcinoma. The present sequence represents a substrate for one of the HBV
CC ribozyme, inozyme, G-cleaver, zinzyme, DNazyme or amberyne sequences
CC disclosed in the present invention
XX
XX Sequence 17 BP; 3 A; 6 C; 3 G; 0 T; 5 U; 0 Other;

CC genes and HBV viral replication. Also disclosed is a method for screening
 CC compounds and/or potential therapies directed against HBV, and compounds
 CC that modulate the expression and/or replication of HCV. The compounds and
 CC methods of the invention are useful for the treatment of degenerative and
 CC disease states related to HBV and HCV infection, replication and gene
 CC expression such as cirrhosis, liver failure, and hepatocellular
 CC carcinoma. The present sequence represents a substrate for one of the HBV
 CC ribozyme, inozyme, G-cleaver, zinzyme, DNazyme or amberzyme sequences
 CC disclosed in the present invention
 XX
 SQ Sequence 17 BP; 2 A; 6 C; 1 G; 0 T; 8 U; 0 Other;
 Query Match 3.9%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 50.0%; Pred. No. 7.9e+02;
 Matches 8; Conservative 5; Mismatches 3; Indels 0; Gaps 0;
 QY 761 CTAGGCTCCACTTCT 776
 Db 1 CUAUGCCUACUUCU 16
 RESULT 1414
 ACD52812
 ID ACD52812 standard; RNA; 17 BP.
 XX AC ACD52812;
 XX DT 24-SEP-2003 (first entry)
 XX DE HBV inozyme substrate sequence #585.
 XX
 KW Nucleic acid molecule; Hepatitis C virus; HCV; Hepatitis B virus; HBV;
 KW RNA stability; RNA expression; RNA synthesis; antisense;
 KW enzymatic nucleic acid; hammerhead ribozyme; DNazyme; inozyme; zinzyme;
 KW amberzyme; G-cleaver ribozyme; decoy molecule; aptamer;
 KW HBV reverse transcriptase; Enhancer I region; viral replication;
 KW degenerative; disease state; HBV infection; HCV infection; cirrhosis;
 KW liver failure; hepatocellular carcinoma; hepatotropic; cytostatic;
 KW virucide; antiinflammatory; substrate; ss.
 XX
 OS Hepatitis B virus.
 XX WO200281494-A1.
 XX PD 17-OCT-2002.
 XX PF 26-MAR-2002; 2002WO-US009187.
 XX PR 26-MAR-2001; 2001US-00817879.
 XX PR 08-JUN-2001; 2001US-00877478.
 XX PR 08-JUN-2001; 2001US-0296876P.
 XX PR 24-OCT-2001; 2001US-0335059P.
 XX PR 05-DEC-2001; 2001US-0337055P.
 XX (RIBO-) RIBOZYME PHARM INC.
 XX PA (BLAT/) BLATT L.
 XX PA (MACE/) MACEJAK D.
 XX PA (MCSW/) MCSWIGGEN J.
 XX PA (MORR/) MORRISSEY D.
 XX PA (PVC/) PAVCO P.
 XX PA (LEEF/) LEE P.
 XX PA (DRAP/) DRAPER K.
 XX PA (ROBE/) ROBERTS E.
 XX PI Blatt L, Macejak D, Mcswiggen J, Morrissey D, Pavco P, Lee P;
 XX Draper K, Roberts E;
 XX WPI; 2003-229207/22.
 XX Novel compound useful for treating cirrhosis, liver failure,
 PT hepatocellular carcinoma, or condition associated with hepatitis C virus
 PT infection.
 XX

PS Example 1; Page 161; 387pp; English.
 XX
 CC The present invention relates to nucleic acid molecules which modulate
 CC the synthesis, expression and/or stability of Hepatitis C virus (HCV) or
 CC Hepatitis B virus (HBV) RNA. The nucleic acid molecules include antisense
 CC and enzymatic nucleic acids such as hammerhead ribozymes, DNazymes,
 CC inozymes, zinzymes, amberzymes, and G-cleaver ribozymes. Also disclosed
 CC are nucleic acid decoy molecules and aptamers that bind to HBV reverse
 CC transcriptase and/or HBV reverse transcriptase primer sequences, as well
 CC as oligonucleotides that specifically bind the Enhancer I region of HBV
 CC DNA. The nucleic acids may be used to modulate the expression of HBV
 CC genes and HBV viral replication. Also disclosed is a method for screening
 CC compounds and/or potential therapies directed against HBV, and compounds
 CC that modulate the expression and/or replication of HCV. The compounds and
 CC methods of the invention are useful for the treatment of degenerative and
 CC disease states related to HBV and HCV infection, replication and gene
 CC expression such as cirrhosis, liver failure, and hepatocellular
 CC carcinoma. The present sequence represents a substrate for one of the HBV
 CC ribozyme, inozyme, G-cleaver, zinzyme, DNazyme or amberzyme sequences
 CC disclosed in the present invention
 XX
 SQ Sequence 17 BP; 3 A; 4 C; 2 G; 0 T; 8 U; 0 Other;
 Query Match 3.9%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 43.8%; Pred. No. 7.9e+02;
 Matches 7; Conservative 6; Mismatches 3; Indels 0; Gaps 0;
 QY 877 TTCTGTGAGATGCACTT 892
 Db 1 UUCUGACAUUCU 16
 RESULT 1415
 ACD57507
 ID ACD57507 standard; RNA; 17 BP.
 XX AC ACD57507;
 XX DT 23-SEP-2003 (first entry)
 XX DE HCV DNazyme substrate sequence #373.
 XX
 KW Nucleic acid molecule; Hepatitis C virus; HCV; Hepatitis B virus; HBV;
 KW RNA stability; RNA expression; RNA synthesis; antisense;
 KW enzymatic nucleic acid; hammerhead ribozyme; DNazyme; inozyme; zinzyme;
 KW amberzyme; G-cleaver ribozyme; decoy molecule; aptamer;
 KW HBV reverse transcriptase; Enhancer I region; viral replication;
 KW degenerative; disease state; HBV infection; HCV infection; cirrhosis;
 KW liver failure; hepatocellular carcinoma; hepatotropic; cytostatic;
 KW virucide; antiinflammatory; substrate; ss.
 XX
 OS Hepatitis C virus.
 XX WO200281494-A1.
 XX PD 17-OCT-2002.
 XX PF 26-MAR-2002; 2002WO-US009187.
 XX PR 26-MAR-2001; 2001US-00817879.
 XX PR 08-JUN-2001; 2001US-00877478.
 XX PR 08-JUN-2001; 2001US-0296876P.
 XX PR 24-OCT-2001; 2001US-0335059P.
 XX PR 05-DEC-2001; 2001US-0337055P.
 XX (RIBO-) RIBOZYME PHARM INC.
 XX PA (BLAT/) BLATT L.
 XX PA (MACE/) MACEJAK D.
 XX PA (MCSW/) MCSWIGGEN J.
 XX PA (MORR/) MORRISSEY D.
 XX PA (PVC/) PAVCO P.
 XX PA (LEEF/) LEE P.
 XX PA (DRAP/) DRAPER K.

PA (ROBE/) ROBERTS E.
 XX Blatt L, Macejak D, Mcswiggen J, Morrissey J, Morrissey D, Pavco P, Lee P;
 PI Draper K, Roberts E;
 XX WPI; 2003-229207/22.
 DR Novel compound useful for treating cirrhosis, liver failure,
 XX hepatocellular carcinoma, or condition associated with hepatitis C virus
 PT infection.
 PT
 XX
 PS Claim 1; Page 240; 387pp; English.
 XX
 XX The present invention relates to nucleic acid molecules which modulate
 CC the synthesis, expression and/or stability of Hepatitis C virus (HCV) or
 CC Hepatitis B virus (HBV) RNA. The nucleic acid molecules include antisense
 CC and enzymatic nucleic acids such as hammerhead ribozymes, DNazymes,
 CC inozymes, zinzymes, amberzymes, and G-cleaver ribozymes. Also disclosed
 CC are nucleic acid decoy molecules and aptamers that bind to HBV reverse
 CC transcriptase and/or HBV reverse transcriptase primer sequences, as well
 CC as oligonucleotides that specifically bind the Enhancer I region of HBV
 CC DNA. The nucleic acids may be used to modulate the expression of HBV
 CC genes and HBV viral replication. Also disclosed is a method for screening
 CC compounds and/or potential therapies directed against HBV, and compounds
 CC that modulate the expression and/or replication of HCV. The compounds and
 CC methods of the invention are useful for the treatment of degenerative and
 CC disease states related to HBV and HCV infection, replication and gene
 CC expression such as cirrhosis, liver failure, and hepatocellular
 CC carcinoma. The present sequence represents a substrate for one of the HCV
 CC DNazyme or minus strand DNazyme sequences disclosed in the present
 CC invention
 XX
 XX Sequence 17 BP; 3 A; 5 C; 3 G; 0 T; 6 U; 0 Other;
 SQ
 Query Match 3.9%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 50.0%; Pred. No. 7.9e+02;
 Matches 8; Conservative 5; Mismatches 3; Indels 0; Gaps 0;
 QY 968 CTCCTCAATCTGGTG 983
 DB 1 CUCUUUACUUGGAG 16
 RESULT 1416
 ACDS9286/C
 ID ACDS9286 standard; RNA; 17 BP.
 XX
 XX ACDS9286;
 XX
 XX 24-SEP-2003 (first entry)
 DT
 XX HCV DNazyme substrate sequence #1256.
 DE
 XX Nucleic acid molecule; Hepatitis C virus; HCV; Hepatitis B virus; HBV;
 XX RNA stability; RNA expression; RNA synthesis; antisense;
 KW enzymatic nucleic acid; hammerhead ribozyme; DNazyme; inozyme; zinzyme;
 KW amberyze; G-cleaver ribozyme; decoy molecule; aptamer;
 KW HBV reverse transcriptase; Enhancer I region; viral replication;
 KW degenerative; disease state; HBV infection; HCV infection; cirrhosis;
 KW liver failure; hepatocellular carcinoma; hepatotropic; cytostatic;
 KW virucide; antiinflammatory; substrate; ss.
 XX
 XX Hepatitis C virus.
 OS
 XX WO200281494-A1.
 XX
 XX 17-OCT-2002.
 PD
 XX 26-MAR-2002; 2002WO-US009187.
 XX
 XX 26-MAR-2001; 2001US-00817879.
 PR
 XX 08-JUN-2001; 2001US-00877478.
 PR
 XX 08-JUN-2001; 2001US-0296876P.
 PR

24-OCT-2001; 2001US-0335059P.
 05-DEC-2001; 2001US-0337055P.
 (RIBO-) RIBOZYME PHARM INC.
 (BLAT/) BLATT L.
 (MACE/) MACEJAK D.
 (MCSW/) MCSWIGGEN J.
 (MORR/) MORRISSEY J.
 (PAVC/) PAVCO P.
 (LEEP/) LEE P.
 (DRAP/) DRAPER K.
 (ROBE/) ROBERTS E.
 Blatt L, Macejak D, Mcswiggen J, Morrissey J, Morrissey D, Pavco P, Lee P;
 Draper K, Roberts E;
 WPI; 2003-229207/22.
 Novel compound useful for treating cirrhosis, liver failure,
 hepatocellular carcinoma, or condition associated with hepatitis C virus
 infection.
 Claim 1; Page 256; 387pp; English.
 The present invention relates to nucleic acid molecules which modulate
 the synthesis, expression and/or stability of Hepatitis C virus (HCV) or
 Hepatitis B virus (HBV) RNA. The nucleic acid molecules include antisense
 and enzymatic nucleic acids such as hammerhead ribozymes, DNazymes,
 inozymes, zinzymes, amberzymes, and G-cleaver ribozymes. Also disclosed
 are nucleic acid decoy molecules and aptamers that bind to HBV reverse
 transcriptase and/or HBV reverse transcriptase primer sequences, as well
 as oligonucleotides that specifically bind the Enhancer I region of HBV
 DNA. The nucleic acids may be used to modulate the expression of HBV
 genes and HBV viral replication. Also disclosed is a method for screening
 compounds and/or potential therapies directed against HBV, and compounds
 that modulate the expression and/or replication of HCV. The compounds and
 methods of the invention are useful for the treatment of degenerative and
 disease states related to HBV and HCV infection, replication and gene
 expression such as cirrhosis, liver failure, and hepatocellular
 carcinoma. The present sequence represents a substrate for one of the HCV
 DNazyme or minus strand DNazyme sequences disclosed in the present
 invention
 Sequence 17 BP; 5 A; 5 C; 4 G; 0 T; 3 U; 0 Other;
 Query Match 3.9%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 7.9e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
 QY 740 CTTGGTAGGTCGCCAG 755
 DB 16 CTTGGTAGTGTACCAG 1
 RESULT 1417
 ACDS4173/C
 ID ACDS4173 standard; RNA; 17 BP.
 XX
 XX ACDS4173;
 AC
 XX 30-SEP-2003 (first entry)
 DT
 XX HCV minus strand DNazyme substrate sequence #1420.
 DE
 XX Nucleic acid molecule; Hepatitis C virus; HCV; Hepatitis B virus; HBV;
 KW RNA stability; RNA expression; RNA synthesis; antisense;
 KW enzymatic nucleic acid; hammerhead ribozyme; DNazyme; inozyme; zinzyme;
 KW amberyze; G-cleaver ribozyme; decoy molecule; aptamer;
 KW HBV reverse transcriptase; Enhancer I region; viral replication;
 KW degenerative; disease state; HBV infection; HCV infection; cirrhosis;
 KW liver failure; hepatocellular carcinoma; hepatotropic; cytostatic;
 KW virucide; antiinflammatory; substrate; ss.
 XX

Db 2 CAUUAUACACGACCCUC 17

RESULT 1419
ACD51182
ID ACD51182 standard; RNA; 17 BP.
XX
AC ACD51182;
XX
DT 23-SEP-2003 (first entry)
XX
DE HBV hammerhead ribozyme substrate sequence #444.
XX
KW Nucleic acid molecule; Hepatitis C virus; HCV; Hepatitis B virus; HBV;
KW RNA stability; RNA expression; RNA synthesis; antisense;
KW enzymatic nucleic acid; hammerhead ribozyme; DNzyme; zinzyme;
KW amberyne; G-cleaver ribozyme; decoy molecule; aptamer;
KW HBV reverse transcriptase; Enhancer I region; viral replication;
KW degenerative; disease state; HBV infection; HCV infection; cirrhosis;
KW liver failure; hepatocellular carcinoma; hepatotropic; cytostatic;
KW virucide; antiinflammatory; substrate; ss.
XX
OS Hepatitis B virus.
XX
PN WO200281494-A1.
XX
PD 17-OCT-2002.
XX
PF 26-MAR-2002; 2002WO-US009187.
XX
PR 26-MAR-2001; 2001US-00817879.
PR 08-JUN-2001; 2001US-00877478.
PR 08-JUN-2001; 2001US-0296876P.
PR 24-OCT-2001; 2001US-0335059P.
PR 05-DEC-2001; 2001US-0337055P.
XX
PA (RIBO-) RIBOZYME PHARM INC.
PA (BLAT/) BLATT L.
PA (MACE/) MACEJAK D.
PA (MCSW/) MCSWIGGEN J.
PA (MORR/) MORRISSEY D.
PA (PAVC/) PAVCO P.
PA (LEEP/) LEE P.
PA (DRAP/) DRAPER K.
PA (ROBE/) ROBERTS E.
XX
PI Blatt L, Macejak D, Mcswiggen J, Morrissey D, Pavco P, Lee P;
PI Draper K, Roberts E;
XX
WPI; 2003-229207/22.
XX
PT Novel compound useful for treating cirrhosis, liver failure,
PT hepatocellular carcinoma, or condition associated with hepatitis C virus
PT infection.
XX
PS Example 1; Page 144; 387pp; English.
XX
CC The present invention relates to nucleic acid molecules which modulate
CC the synthesis, expression and/or stability of Hepatitis C virus (HCV) or
CC Hepatitis B virus (HBV) RNA. The nucleic acid molecules include antisense
CC and enzymatic nucleic acids such as hammerhead ribozymes, DNzymes,
CC inozymes, zinzymes, amberyne, and G-cleaver ribozymes. Also disclosed
CC are nucleic acid decoy molecules and aptamers that bind to HBV reverse
CC transcriptase and/or HBV reverse transcriptase primer sequences, as well
CC as oligonucleotides that specifically bind the Enhancer I region of HBV
CC DNA. The nucleic acids may be used to modulate the expression of HBV
CC genes and HBV viral replication. Also disclosed is a method for screening
CC compounds and/or potential therapies directed against HBV, and compounds
CC that modulate the expression and/or replication of HCV. The compounds and
CC methods of the invention are useful for the treatment of degenerative and
CC disease states related to HBV and HCV infection, replication and gene
CC expression such as cirrhosis, liver failure, and hepatocellular
CC carcinoma. The present sequence represents a substrate for one of the HBV

CC ribozyme, inozyme, G-cleaver, zinzyme, DNzyme or amberyne sequences
CC disclosed in the present invention
XX
SQ Sequence 17 BP; 5 A; 5 C; 4 G; 0 T; 3 U; 0 Other;
Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 68.8%; Pred. No. 7.9e+02;
Matches 11; Conservative 2; Mismatches 3; Indels 0; Gaps 0;
Qy 928 CCACCTCCAGAGAT 943
Db 2 CCAGCAUCCAGGGAU 17

RESULT 1420
ACD5100/c
ID ACD5100 standard; RNA; 17 BP.
XX
AC ACD5100;
XX
DT 30-SEP-2003 (first entry)
XX
DE HCV minus strand DNzyme substrate sequence #1899.
XX
KW Nucleic acid molecule; Hepatitis C virus; HCV; Hepatitis B virus; HBV;
KW RNA stability; RNA expression; RNA synthesis; antisense;
KW enzymatic nucleic acid; hammerhead ribozyme; DNzyme; zinzyme;
KW amberyne; G-cleaver ribozyme; decoy molecule; aptamer;
KW HBV reverse transcriptase; Enhancer I region; viral replication;
KW degenerative; disease state; HBV infection; HCV infection; cirrhosis;
KW liver failure; hepatocellular carcinoma; hepatotropic; cytostatic;
KW virucide; antiinflammatory; substrate; ss.
XX
OS Hepatitis C virus.
XX
PN WO200281494-A1.
XX
PD 17-OCT-2002.
XX
PF 26-MAR-2002; 2002WO-US009187.
XX
PR 26-MAR-2001; 2001US-00817879.
PR 08-JUN-2001; 2001US-00877478.
PR 08-JUN-2001; 2001US-0296876P.
PR 24-OCT-2001; 2001US-0335059P.
PR 05-DEC-2001; 2001US-0337055P.
XX
PA (RIBO-) RIBOZYME PHARM INC.
PA (BLAT/) BLATT L.
PA (MACE/) MACEJAK D.
PA (MCSW/) MCSWIGGEN J.
PA (MORR/) MORRISSEY D.
PA (PAVC/) PAVCO P.
PA (LEEP/) LEE P.
PA (DRAP/) DRAPER K.
PA (ROBE/) ROBERTS E.
XX
PI Blatt L, Macejak D, Mcswiggen J, Morrissey D, Pavco P, Lee P;
PI Draper K, Roberts E;
XX
WPI; 2003-229207/22.
XX
PT Novel compound useful for treating cirrhosis, liver failure,
PT hepatocellular carcinoma, or condition associated with hepatitis C virus
PT infection.
XX
PS Claim 1; Page 308; 387pp; English.
XX
CC The present invention relates to nucleic acid molecules which modulate
CC the synthesis, expression and/or stability of Hepatitis C virus (HCV) or
CC Hepatitis B virus (HBV) RNA. The nucleic acid molecules include antisense
CC and enzymatic nucleic acids such as hammerhead ribozymes, DNzymes,
CC inozymes, zinzymes, amberyne, and G-cleaver ribozymes. Also disclosed
CC are nucleic acid decoy molecules and aptamers that bind to HBV reverse
CC transcriptase and/or HBV reverse transcriptase primer sequences, as well
CC as oligonucleotides that specifically bind the Enhancer I region of HBV
CC DNA. The nucleic acids may be used to modulate the expression of HBV
CC genes and HBV viral replication. Also disclosed is a method for screening
CC compounds and/or potential therapies directed against HBV, and compounds
CC that modulate the expression and/or replication of HCV. The compounds and
CC methods of the invention are useful for the treatment of degenerative and
CC disease states related to HBV and HCV infection, replication and gene
CC expression such as cirrhosis, liver failure, and hepatocellular
CC carcinoma. The present sequence represents a substrate for one of the HBV

CC are nucleic acid decoy molecules and aptamers that bind to HBV reverse
 CC transcriptase and/or HBV reverse transcriptase primer sequences, as well
 CC as oligonucleotides that specifically bind the Enhancer I region of HBV
 CC DNA. The nucleic acids may be used to modulate the expression of HBV
 CC genes and HBV viral replication. Also disclosed is a method for screening
 CC compounds and/or potential therapies directed against HBV, and compounds
 CC that modulate the expression and/or replication of HCV. The compounds and
 CC methods of the invention are useful for the treatment of degenerative and
 CC disease states related to HBV and HCV infection, replication and gene
 CC expression such as cirrhosis, liver failure, and hepatocellular
 CC carcinoma. The present sequence represents a substrate for one of the HCV
 CC DNzyme or minus strand DNzyme sequences disclosed in the present
 CC invention
 XX
 SQ Sequence 17 BP; 4 A; 1 C; 6 G; 0 T; 6 U; 0 Other;
 Query Match 3.9%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 7.9e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
 QY 912 CAGATTATCATCACCA 927
 Db 16 CAGCTTATTACACCA 1
 |||||
 RESULT 1421
 ACb61582/c
 ID ACb61582 standard; RNA; 17 BP.
 AC ACb61582;
 DT 23-SEP-2003 (first entry)
 DE HCV minus strand DNzyme substrate sequence #117.
 XX
 KW Nucleic acid molecule; Hepatitis C virus; HCV; Hepatitis B virus; HBV;
 KW RNA stability; RNA expression; RNA synthesis; antisense;
 KW enzymatic nucleic acid; hammerhead ribozyme; DNzyme; inozyme; zinzyme;
 KW amberyne; G-cleaver ribozyme; decoy molecule; aptamer;
 KW HBV reverse transcriptase; Enhancer I region; viral replication;
 KW degenerative; disease state; HBV infection; HCV infection; cirrhosis;
 KW liver failure; hepatocellular carcinoma; hepatotropic; cytostatic;
 KW virucide; antiinflammatory; substrate; ss.
 XX
 CS Hepatitis C virus.
 XX
 PN WO200281494-A1.
 XX
 PD 17-OCT-2002.
 XX
 PF 26-MAR-2002; 2002WO-US009187.
 XX
 PR 26-MAR-2001; 2001US-00817879.
 PR 08-JUN-2001; 2001US-00877478.
 PR 08-JUN-2001; 2001US-0296876P.
 PR 24-OCT-2001; 2001US-0335059P.
 PR 05-DEC-2001; 2001US-0337055P.
 XX
 PA (RIBO-) RIBOZYME PHARM INC.
 PA (BLAT/) BLATT L.
 PA (MACE/) MACEJAK D.
 PA (MCSW/) MCSWIGGEN J.
 PA (MORR/) MORRISSEY D.
 PA (PAVC/) PAVCO P.
 PA (LEEF/) LEE P.
 PA (DRAP/) DRAPER K.
 PA (ROBE/) ROBERTS E.
 XX
 PI Blatt L, Macejak D, Mcswiggen J, Morrissey J, Pavco P, Lee P;
 PI Draper K, Roberts E;
 XX
 DR WPI; 2003-229207/22.

PT Novel compound useful for treating cirrhosis, liver failure,
 PT hepatocellular carcinoma, or condition associated with hepatitis C virus
 XX infection.
 PS Claim 1; Page 277; 387pp; English.
 XX
 CC The present invention relates to nucleic acid molecules which modulate
 CC the synthesis, expression and/or stability of Hepatitis C virus (HCV) or
 CC Hepatitis B virus (HBV) RNA. The nucleic acid molecules include antisense
 CC and enzymatic nucleic acids such as hammerhead ribozymes, DNzymes,
 CC inozymes, zinzymes, amberyne, and G-cleaver ribozymes. Also disclosed
 CC are nucleic acid decoy molecules and aptamers that bind to HBV reverse
 CC transcriptase and/or HBV reverse transcriptase primer sequences, as well
 CC as oligonucleotides that specifically bind the Enhancer I region of HBV
 CC DNA. The nucleic acids may be used to modulate the expression of HBV
 CC genes and HBV viral replication. Also disclosed is a method for screening
 CC compounds and/or potential therapies directed against HBV, and compounds
 CC that modulate the expression and/or replication of HCV. The compounds and
 CC methods of the invention are useful for the treatment of degenerative and
 CC disease states related to HBV and HCV infection, replication and gene
 CC expression such as cirrhosis, liver failure, and hepatocellular
 CC carcinoma. The present sequence represents a substrate for one of the HCV
 CC DNzyme or minus strand DNzyme sequences disclosed in the present
 CC invention
 XX
 SQ Sequence 17 BP; 7 A; 1 C; 6 G; 0 T; 3 U; 0 Other;
 Query Match 3.9%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 7.9e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
 QY 828 TGTCTCTTTCTTCTC 843
 Db 16 TGACTGACTTCTCTC 1
 |||||
 RESULT 1422
 ACb51880
 ID ACb51880 standard; RNA; 17 BP.
 XX ACb51880;
 AC ACb51880;
 DT 24-SEP-2003 (first entry)
 DE HBV inozyme substrate sequence #112.
 XX
 KW Nucleic acid molecule; Hepatitis C virus; HCV; Hepatitis B virus; HBV;
 KW RNA stability; RNA expression; RNA synthesis; antisense;
 KW enzymatic nucleic acid; hammerhead ribozyme; DNzyme; inozyme; zinzyme;
 KW amberyne; G-cleaver ribozyme; decoy molecule; aptamer;
 KW HBV reverse transcriptase; Enhancer I region; viral replication;
 KW degenerative; disease state; HBV infection; HCV infection; cirrhosis;
 KW liver failure; hepatocellular carcinoma; hepatotropic; cytostatic;
 KW virucide; antiinflammatory; substrate; ss.
 XX
 OS Hepatitis B virus.
 XX
 PN WO200281494-A1.
 XX
 PD 17-OCT-2002.
 XX
 PF 26-MAR-2002; 2002WO-US009187.
 XX
 PR 26-MAR-2001; 2001US-00817879.
 PR 08-JUN-2001; 2001US-00877478.
 PR 08-JUN-2001; 2001US-0296876P.
 PR 24-OCT-2001; 2001US-0335059P.
 PR 05-DEC-2001; 2001US-0337055P.
 XX
 PA (RIBO-) RIBOZYME PHARM INC.
 PA (BLAT/) BLATT L.
 PA (MACE/) MACEJAK D.
 PA (MCSW/) MCSWIGGEN J.

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PA (MORRISSEY D.
PA (PAVCO P.
PA (LEEP) LEE P.
PA (DRAP) DRAPER K.
PA (ROBE) ROBERTS E.
XX
PI Blatt L, Macejak D, Mcswiggen J, Morrissey J, Pavco P, Lee P;
PI Draper K, Roberts E;
DR WPI; 2003-229207/22.
XX
XX Novel compound useful for treating cirrhosis, liver failure,
PT hepatocellular carcinoma, or condition associated with hepatitis C virus
PT infection.
XX
XX Example 1; Page 152; 387pp; English.
XX
XX The present invention relates to nucleic acid molecules which modulate
CC the synthesis, expression and/or stability of Hepatitis C virus (HCV) or
CC Hepatitis B virus (HBV) RNA. The nucleic acid molecules include antisense
CC and enzymatic nucleic acids such as hammerhead ribozymes, DNazymes,
CC inozymes, zinzymes, amberzymes, and G-cleaver ribozymes. Also disclosed
CC are nucleic acid decoy molecules and aptamers that bind to HBV reverse
CC transcriptase and/or HBV reverse transcriptase primer sequences, as well
CC as oligonucleotides that specifically bind the Enhancer I region of HBV
CC DNA. The nucleic acids may be used to modulate the expression of HBV
CC genes and HBV viral replication. Also disclosed is a method for screening
CC compounds and/or potential therapies directed against HBV, and compounds
CC that modulate the expression and/or replication of HCV. The compounds and
CC methods of the invention are useful for the treatment of degenerative and
CC disease states related to HBV and HCV infection, replication and gene
CC expression such as cirrhosis, liver failure, and hepatocellular
CC carcinoma. The present sequence represents a substrate for one of the HBV
CC ribozyme, inozyme, G-cleaver, zinzyme, DNazyme or amberzyme sequences
CC disclosed in the present invention
XX
SQ Sequence 17 BP; 2 A; 6 C; 2 G; 0 T; 7 U; 0 Other;
Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 50.0%; Pred. No. 7.9e+02;
Matches 8; Conservative 5; Mismatches 3; Indels 0; Gaps 0;
QY 761 CTAGGCTCCACTTCT 776
DB 2 CUAUGCCCAUCUUCU 17
RESULT 1423
ACD5355/C
ID ACD5355 standard; RNA; 17 BP.
XX
AC ACD5355;
XX
XX 23-SEP-2003 (first entry)
DT
DE HBV amberzyme substrate sequence #13.
XX
XX Nucleic acid molecule; Hepatitis C virus; HCV; Hepatitis B virus; HBV;
XX RNA stability; RNA expression; RNA synthesis; antisense;
XX enzymatic nucleic acid; hammerhead ribozyme; DNazyme; inozyme; zinzyme;
XX amberzyme; G-cleaver ribozyme; decoy molecule; aptamer;
XX HBV reverse transcriptase; Enhancer I region; viral replication;
XX degenerative; disease state; HBV infection; HCV infection; cirrhosis;
XX liver failure; hepatocellular carcinoma; hepatotropic; cytostatic;
XX virucide; antiinflammatory; substrate; ss.
XX
OS Hepatitis B virus.
XX
XX WO200281494-A1.
PN
XX 17-OCT-2002.
PD
XX 26-MAR-2002; 2002WO-US009187.
FF

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XX 26-MAR-2001; 2001US-00817879.
PR 08-JUN-2001; 2001US-00877478.
PR 08-JUN-2001; 2001US-0296876P.
PR 24-OCT-2001; 2001US-0335059P.
PR 05-DEC-2001; 2001US-0337055P.
XX
PA (RIBO-) RIBOZYME PHARM INC.
PA (BLAT) BLATT L.
PA (MACE) MACEJAK D.
PA (MCSW) MCSWIGGEN J.
PA (MORR) MORRISSEY J.
PA (PAVC) PAVCO P.
PA (LEEP) LEE P.
PA (DRAP) DRAPER K.
PA (ROBE) ROBERTS E.
XX
XX Blatt L, Macejak D, Mcswiggen J, Morrissey J, Pavco P, Lee P;
PI Draper K, Roberts E;
XX WPI; 2003-229207/22.
XX
XX Novel compound useful for treating cirrhosis, liver failure,
PT hepatocellular carcinoma, or condition associated with hepatitis C virus
PT infection.
XX
XX Example 1; Page 202; 387pp; English.
XX
XX The present invention relates to nucleic acid molecules which modulate
CC the synthesis, expression and/or stability of Hepatitis C virus (HCV) or
CC Hepatitis B virus (HBV) RNA. The nucleic acid molecules include antisense
CC and enzymatic nucleic acids such as hammerhead ribozymes, DNazymes,
CC inozymes, zinzymes, amberzymes, and G-cleaver ribozymes. Also disclosed
CC are nucleic acid decoy molecules and aptamers that bind to HBV reverse
CC transcriptase and/or HBV reverse transcriptase primer sequences, as well
CC as oligonucleotides that specifically bind the Enhancer I region of HBV
CC DNA. The nucleic acids may be used to modulate the expression of HBV
CC genes and HBV viral replication. Also disclosed is a method for screening
CC compounds and/or potential therapies directed against HBV, and compounds
CC that modulate the expression and/or replication of HCV. The compounds and
CC methods of the invention are useful for the treatment of degenerative and
CC disease states related to HBV and HCV infection, replication and gene
CC expression such as cirrhosis, liver failure, and hepatocellular
CC carcinoma. The present sequence represents a substrate for one of the HBV
CC ribozyme, inozyme, G-cleaver, zinzyme, DNazyme or amberzyme sequences
CC disclosed in the present invention
XX
SQ Sequence 17 BP; 4 A; 4 C; 6 G; 0 T; 3 U; 0 Other;
Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.9e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 753 CAGGGTCCCTAGGCCT 768
DB 16 CAGGGTCCCGAGTCTT 1
RESULT 1424
ABX95996
ID ABX95996 standard; DNA; 17 BP.
XX
AC ABX95996;
XX
XX 06-JUN-2003 (first entry)
DT
DE Guinea pig integrin receptor beta 6 subunit primer BTE3F.
XX
XX Guinea pig; integrin cell surface receptor subunit; ss; PCR; integrin;
XX cell surface glycoprotein; cell adhesion; primer.
XX
XX Cavia porcellus.
XX

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PN US2002164708-A1.
 XX
 PD 07-NOV-2002.
 XX
 PF 06-FEB-2002; 2002US-00072841.
 XX
 PR 11-JUL-1991; 91US-00728215.
 PR 26-SEP-1997; 97US-00938085.
 PR 08-JUN-2000; 2000US-00591543.
 XX
 PA (SHEP/) SHEPPARD D.
 PA (PYTE/) PYTELA R.
 XX
 PI Sheppard D, Pytela R;
 XX
 XX WPI; 2003-288138/28.
 DR
 XX
 XX New integrin cell surface receptor subunit comprising Beta 6 bound to 2
 PT alpha subunits, useful for controlling cell adhesion, and in mediating
 PT normal and abnormal cell processes.
 XX
 PS Example I; Fig 1B; 46pp; English.
 XX
 CC The invention relates to a substantially purified integrin cell surface
 CC receptor subunit comprising beta 6 bound to 2 alpha subunits. The
 CC integrins are a large family of cell surface glycoproteins that mediate
 CC cell-to-cell and cell-to-matrix adhesion. The integrin cell surface
 CC receptor subunit is useful for controlling cell adhesion and in mediating
 CC normal and abnormal cell processes. The present sequence represents a
 CC guinea pig integrin receptor beta subunit PCR primer
 XX
 SQ Sequence 17 BP; 5 A; 6 C; 4 G; 2 T; 0 U; 0 Other;
 Query Match 3.9%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 7.9e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
 QY 838 CTTCTCTGAAGACAGC 853
 Db 1 CATCTCGAAGACGC 16
 RESULT 1425
 ACC67175
 ID ACC67175 standard; DNA; 17 BP.
 AC ACC67175;
 XX
 DT 01-JUL-2003 (first entry)
 XX
 DE Murine oligonucleotide associated with tumour suppression, SEQ ID 4422.
 XX
 KW Cytostatic; virucide; neuroprotective; nontropic; neuroleptic; murine;
 KW tumour suppression; tumour reversion; apoptosis; virus resistance;
 KW viral disease; tumour; cell degeneration; cancer; Alzheimer's disease;
 KW schizophtrenia; ss.
 XX
 OS Mus musculus.
 XX
 PN WO2003025176-A2.
 AC ACC67175;
 XX
 PD 27-MAR-2003.
 XX
 PF 17-SEP-2002; 2002WO-IB004210.
 XX
 PR 17-SEP-2001; 2001FR-00011979.
 XX
 PA (MOLE-) MOLECULAR ENGINES LAB.
 XX
 PI Telerman A, Amson R, Tuijnder M;
 XX
 XX WPI; 2003-333167/31.
 DR
 XX
 PT New isolated nucleic acid, useful for treating viral diseases associated
 PT with tumors and cell degeneration, also related polypeptides, antibodies
 PT and transfected cells.
 XX
 PS Disclosure; Page 175; 738pp; French.
 XX
 CC The present invention relates to murine oligonucleotides (ACC62754-
 CC ACC68806), which are associated with tumour suppression, tumour
 CC reversion, apoptosis and virus resistance. The oligonucleotides are
 CC useful as (1) as probes and primers for detecting, identifying,
 CC quantifying and/or amplifying nucleic acid, e.g. as one component of a
 CC gene chip; in vitro as (anti)sense reagents; and (2) for production of
 CC recombinant polypeptides. The oligonucleotides are useful for preparation
 CC of pharmaceuticals for prevention and/or treatment of viral diseases that
 CC are characterised by development of tumours or cell degeneration,
 CC specifically cancer but also Alzheimer's disease and schizophtrenia
 XX
 SQ Sequence 17 BP; 1 A; 7 C; 4 G; 5 T; 0 U; 0 Other;
 Query Match 3.9%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 7.9e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
 QY 851 AGGCTCTGCTCCAG 866
 Db 2 ATCTCTGCTCTCTG 17
 RESULT 1426
 ACC63990/C
 ID ACC63990 standard; DNA; 17 BP.
 AC ACC63990;
 XX
 DT 01-JUL-2003 (first entry)
 XX
 DE Murine oligonucleotide associated with tumour suppression, SEQ ID 1237.
 XX
 KW Cytostatic; virucide; neuroprotective; nontropic; neuroleptic; murine;
 KW tumour suppression; tumour reversion; apoptosis; virus resistance;
 KW viral disease; tumour; cell degeneration; cancer; Alzheimer's disease;
 KW schizophtrenia; ss.
 XX
 OS Mus musculus.
 XX
 PN WO2003025176-A2.
 AC ACC63990;
 XX
 PD 27-MAR-2003.
 XX
 PF 17-SEP-2002; 2002WO-IB004210.
 XX
 PR 17-SEP-2001; 2001FR-00011979.
 XX
 PA (MOLE-) MOLECULAR ENGINES LAB.
 XX
 PI Telerman A, Amson R, Tuijnder M;
 XX
 XX WPI; 2003-333167/31.
 DR
 XX
 PT New isolated nucleic acid, useful for treating viral diseases associated
 PT with tumors and cell degeneration, also related polypeptides, antibodies
 PT and transfected cells.
 XX
 PS Disclosure; Page 175; 738pp; French.
 XX
 CC The present invention relates to murine oligonucleotides (ACC62754-
 CC ACC68806), which are associated with tumour suppression, tumour
 CC reversion, apoptosis and virus resistance. The oligonucleotides are
 CC useful as (1) as probes and primers for detecting, identifying,
 CC quantifying and/or amplifying nucleic acid, e.g. as one component of a
 CC gene chip; in vitro as (anti)sense reagents; and (2) for production of
 CC recombinant polypeptides. The oligonucleotides are useful for preparation
 CC of pharmaceuticals for prevention and/or treatment of viral diseases that

CC are characterised by development of tumours or cell degeneration,
CC specifically cancer but also Alzheimer's disease and schizophrenia
XX Sequence 17 BP; 3 A; 2 C; 6 G; 6 T; 0 U; 0 Other;
SQ Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.9e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 807 CCTCAACTCAGGGTT 822
Db ||||| ||||| |||||
17 CCTCAACTCAGAGAT 2

RESULT 1427
ACC67932
ID ACC67932 standard; DNA; 17 BP.
XX AC
AC ACC67932;
XX DT
DT 01-JUL-2003 (first entry)
XX DE
DE Murine oligonucleotide associated with tumour suppression, SEQ ID 5179.
XX CC
CC Cytostatic; virucide; neuroprotective; nootropic; neuroleptic; murine;
KW tumour suppression; tumour reversion; apoptosis; virus resistance;
KW viral disease; tumour; cell degeneration; cancer; Alzheimer's disease;
KW schizophrenia; ss.
XX OS
OS Mus musculus.
XX PN
PN WO2003025176-A2.
XX PD
PD 27-MAR-2003.
XX PF
PF 17-SEP-2002; 2002WO-IB004210.
XX PR
PR 17-SEP-2001; 2001FR-00011979.
XX PA
PA (MOLE-) MOLECULAR ENGINES LAB.
XX PI
PI Telerman A, Amson R, Tuijnder M;
XX WPI; 2003-333167/31.
XX DR
DR New isolated nucleic acid, useful for treating viral diseases associated
PT with tumors and cell degeneration, also related polypeptides, antibodies
PT and transfected cells.
XX PS
PS Disclosure; Page 636; 738pp; French.

CC The present invention relates to murine oligonucleotides (ACC62754-
CC ACC68806), which are associated with tumour suppression, tumour
CC reversion, apoptosis and virus resistance. The oligonucleotides are
CC useful as (1) as probes and primers for detecting, identifying,
CC quantifying and/or amplifying nucleic acid, e.g. as one component of a
CC gene chip; in vitro as (anti)sense reagents; and (2) for production of
CC recombinant polypeptides. The oligonucleotides are useful for preparation
CC of pharmaceuticals for prevention and/or treatment of viral diseases that
CC are characterised by development of tumours or cell degeneration,
CC specifically cancer but also Alzheimer's disease and schizophrenia
XX Sequence 17 BP; 4 A; 9 C; 2 G; 2 T; 0 U; 0 Other;
SQ Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.9e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 918 ATCATCACCCACCC 933
Db ||||| ||||| |||||
2 ATCATCACCCAGCCC 17

RESULT 1428
ACC64730
ID ACC64730 standard; DNA; 17 BP.
XX AC
AC ACC64730;
XX DT
DT 01-JUL-2003 (first entry)
XX DE
DE Murine oligonucleotide associated with tumour suppression, SEQ ID 1977.
XX CC
CC Cytostatic; virucide; neuroprotective; nootropic; neuroleptic; murine;
KW tumour suppression; tumour reversion; apoptosis; virus resistance;
KW viral disease; tumour; cell degeneration; cancer; Alzheimer's disease;
KW schizophrenia; ss.
XX OS
OS Mus musculus.
XX PN
PN WO2003025176-A2.
XX PD
PD 27-MAR-2003.
XX PF
PF 17-SEP-2002; 2002WO-IB004210.
XX PR
PR 17-SEP-2001; 2001FR-00011979.
XX PA
PA (MOLE-) MOLECULAR ENGINES LAB.
XX PI
PI Telerman A, Amson R, Tuijnder M;
XX WPI; 2003-333167/31.
XX DR
DR New isolated nucleic acid, useful for treating viral diseases associated
PT with tumors and cell degeneration, also related polypeptides, antibodies
PT and transfected cells.
XX PS
PS Disclosure; Page 262; 738pp; French.

CC The present invention relates to murine oligonucleotides (ACC62754-
CC ACC68806), which are associated with tumour suppression, tumour
CC reversion, apoptosis and virus resistance. The oligonucleotides are
CC useful as (1) as probes and primers for detecting, identifying,
CC quantifying and/or amplifying nucleic acid, e.g. as one component of a
CC gene chip; in vitro as (anti)sense reagents; and (2) for production of
CC recombinant polypeptides. The oligonucleotides are useful for preparation
CC of pharmaceuticals for prevention and/or treatment of viral diseases that
CC are characterised by development of tumours or cell degeneration,
CC specifically cancer but also Alzheimer's disease and schizophrenia
XX Sequence 17 BP; 3 A; 9 C; 1 G; 4 T; 0 U; 0 Other;
SQ Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.9e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 921 ATCACCACCCCTCC 936
Db ||||| ||||| |||||
2 ATCTCCACCCCTCC 17

RESULT 1429
ACC65183
ID ACC65183 standard; DNA; 17 BP.
XX AC
AC ACC65183;
XX DT
DT 01-JUL-2003 (first entry)
XX DE
DE Murine oligonucleotide associated with tumour suppression, SEQ ID 2430.
XX CC
CC Cytostatic; virucide; neuroprotective; nootropic; neuroleptic; murine;
KW tumour suppression; tumour reversion; apoptosis; virus resistance;
KW viral disease; tumour; cell degeneration; cancer; Alzheimer's disease;
KW schizophrenia; ss.

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XX OS Mus musculus.
XX FN WO2003025176-A2.
XX PD 27-MAR-2003.
XX PF 17-SEP-2002; 2002WO-IB004210.
XX PR 17-SEP-2001; 2001FR-00011979.
XX PA (MOLE-) MOLECULAR ENGINES LAB.
XX PI Telerman A, Amson R, Tuijnder M;
XX WPI; 2003-333167/31.
XX PT New isolated nucleic acid, useful for treating viral diseases associated
XX with tumors and cell degeneration, also related polypeptides, antibodies
XX and transfected cells.
XX PS Disclosure; Page 315; 738pp; French.
XX CC The present invention relates to murine oligonucleotides (ACC62754-
XX ACC6806), which are associated with tumour suppression, tumour
XX reversion, apoptosis and virus resistance. The oligonucleotides are
XX useful as (1) as probes and primers for detecting, identifying,
XX quantifying and/or amplifying nucleic acid, e.g. as one component of a
XX gene chip; in vitro as (anti)sense reagents; and (2) for production of a
XX recombinant polypeptides. The oligonucleotides are useful for preparation
XX of pharmaceuticals for prevention and/or treatment of viral diseases that
XX are characterised by development of tumours or cell degeneration,
XX specifically cancer but also Alzheimer's disease and schizophrenia
XX SQ Sequence 17 BP; 4 A; 5 C; 3 G; 5 T; 0 U; 0 Other;

Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.9e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 956 GAGCCAAATGACTCT 971
Db 1 GATCCACATGGACTCT 16
|||||

RESULT 1430
ACC67941/C
ID ACC67941 standard; DNA; 17 BP.
AC ACC67941;
AC ACC67941;
XX 01-JUL-2003 (first entry)
XX Murine oligonucleotide associated with tumour suppression, SEQ ID 5188.
DE DE
XX Cytostatic; virucide; neuroprotective; nontropic; neuroleptic; murine;
XX tumour suppression; tumour reversion; apoptosis; virus resistance;
XX viral disease; tumour; cell degeneration; cancer; Alzheimer's disease;
XX schizophrenia; ss.
XX Mus musculus.
XX WO2003025176-A2.
XX 27-MAR-2003.
XX 17-SEP-2002; 2002WO-IB004210.
XX 17-SEP-2001; 2001FR-00011979.
XX (MOLE-) MOLECULAR ENGINES LAB.
XX Telerman A, Amson R, Tuijnder M;
XX WPI; 2003-333167/31.
XX New isolated nucleic acid, useful for treating viral diseases associated
XX with tumors and cell degeneration, also related polypeptides, antibodies
XX and transfected cells.
XX PS Disclosure; Page 315; 738pp; French.
XX CC The present invention relates to murine oligonucleotides (ACC62754-
XX ACC6806), which are associated with tumour suppression, tumour
XX reversion, apoptosis and virus resistance. The oligonucleotides are
XX useful as (1) as probes and primers for detecting, identifying,
XX quantifying and/or amplifying nucleic acid, e.g. as one component of a
XX gene chip; in vitro as (anti)sense reagents; and (2) for production of a
XX recombinant polypeptides. The oligonucleotides are useful for preparation
XX of pharmaceuticals for prevention and/or treatment of viral diseases that
XX are characterised by development of tumours or cell degeneration,
XX specifically cancer but also Alzheimer's disease and schizophrenia
XX SQ Sequence 17 BP; 4 A; 5 C; 3 G; 5 T; 0 U; 0 Other;

Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.9e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 956 GAGCCAAATGACTCT 971
Db 1 GATCCACATGGACTCT 16
|||||

RESULT 1430
ACC67941/C
ID ACC67941 standard; DNA; 17 BP.
AC ACC67941;
AC ACC67941;
XX 01-JUL-2003 (first entry)
XX Murine oligonucleotide associated with tumour suppression, SEQ ID 5188.
DE DE
XX Cytostatic; virucide; neuroprotective; nontropic; neuroleptic; murine;
XX tumour suppression; tumour reversion; apoptosis; virus resistance;
XX viral disease; tumour; cell degeneration; cancer; Alzheimer's disease;
XX schizophrenia; ss.
XX Mus musculus.
XX WO2003025176-A2.
XX 27-MAR-2003.
XX 17-SEP-2002; 2002WO-IB004210.
XX 17-SEP-2001; 2001FR-00011979.
XX (MOLE-) MOLECULAR ENGINES LAB.
XX Telerman A, Amson R, Tuijnder M;
XX WPI; 2003-333167/31.
XX New isolated nucleic acid, useful for treating viral diseases associated
XX with tumors and cell degeneration, also related polypeptides, antibodies
XX and transfected cells.
XX PS Disclosure; Page 315; 738pp; French.
XX CC The present invention relates to murine oligonucleotides (ACC62754-
XX ACC6806), which are associated with tumour suppression, tumour
XX reversion, apoptosis and virus resistance. The oligonucleotides are
XX useful as (1) as probes and primers for detecting, identifying,
XX quantifying and/or amplifying nucleic acid, e.g. as one component of a
XX gene chip; in vitro as (anti)sense reagents; and (2) for production of a
XX recombinant polypeptides. The oligonucleotides are useful for preparation
XX of pharmaceuticals for prevention and/or treatment of viral diseases that
XX are characterised by development of tumours or cell degeneration,
XX specifically cancer but also Alzheimer's disease and schizophrenia
XX SQ Sequence 17 BP; 4 A; 5 C; 3 G; 5 T; 0 U; 0 Other;

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XX DR WPI; 2003-333167/31.
XX PT New isolated nucleic acid, useful for treating viral diseases associated
XX with tumors and cell degeneration, also related polypeptides, antibodies
XX and transfected cells.
XX PS Disclosure; Page 637; 738pp; French.
XX CC The present invention relates to murine oligonucleotides (ACC62754-
XX ACC6806), which are associated with tumour suppression, tumour
XX reversion, apoptosis and virus resistance. The oligonucleotides are
XX useful as (1) as probes and primers for detecting, identifying,
XX quantifying and/or amplifying nucleic acid, e.g. as one component of a
XX gene chip; in vitro as (anti)sense reagents; and (2) for production of a
XX recombinant polypeptides. The oligonucleotides are useful for preparation
XX of pharmaceuticals for prevention and/or treatment of viral diseases that
XX are characterised by development of tumours or cell degeneration,
XX specifically cancer but also Alzheimer's disease and schizophrenia
XX SQ Sequence 17 BP; 5 A; 2 C; 5 G; 5 T; 0 U; 0 Other;

Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.9e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 901 GCTTCTCGATCAGAT 916
Db 17 GCTTCTCCAATAAGAT 2
|||||

RESULT 1431
ACC63273
ID ACC63273 standard; DNA; 17 BP.
AC ACC63273;
AC ACC63273;
XX 01-JUL-2003 (first entry)
XX Murine oligonucleotide associated with tumour suppression, SEQ ID 520.
DE DE
XX Cytostatic; virucide; neuroprotective; nontropic; neuroleptic; murine;
XX tumour suppression; tumour reversion; apoptosis; virus resistance;
XX viral disease; tumour; cell degeneration; cancer; Alzheimer's disease;
XX schizophrenia; ss.
XX Mus musculus.
XX WO2003025176-A2.
XX 27-MAR-2003.
XX 17-SEP-2002; 2002WO-IB004210.
XX 17-SEP-2001; 2001FR-00011979.
XX (MOLE-) MOLECULAR ENGINES LAB.
XX Telerman A, Amson R, Tuijnder M;
XX WPI; 2003-333167/31.
XX New isolated nucleic acid, useful for treating viral diseases associated
XX with tumors and cell degeneration, also related polypeptides, antibodies
XX and transfected cells.
XX PS Disclosure; Page 91; 738pp; French.
XX CC The present invention relates to murine oligonucleotides (ACC62754-
XX ACC6806), which are associated with tumour suppression, tumour
XX reversion, apoptosis and virus resistance. The oligonucleotides are
XX useful as (1) as probes and primers for detecting, identifying,
XX quantifying and/or amplifying nucleic acid, e.g. as one component of a
XX recombinant polypeptides. The oligonucleotides are useful for preparation
XX of pharmaceuticals for prevention and/or treatment of viral diseases that
XX are characterised by development of tumours or cell degeneration,
XX specifically cancer but also Alzheimer's disease and schizophrenia
XX SQ Sequence 17 BP; 5 A; 2 C; 5 G; 5 T; 0 U; 0 Other;

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CC gene chip; in vitro as (anti)sense reagents; and (2) for production of
CC recombinant polypeptides. The oligonucleotides are useful for preparation
CC of pharmaceuticals for prevention and/or treatment of viral diseases that
CC are characterised by development of tumours or cell degeneration,
CC specifically cancer but also Alzheimer's disease and schizophrenia
XX
SQ Sequence 17 BP; 5 A; 7 C; 1 G; 4 T; 0 U; 0 Other;

Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.9e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 921 ATCACCACCACTCTCC 936
DB 2 ATCACCACCACTCTCC 17
|||||

RESULT 1432
ACC65102
ID ACC65102 standard; DNA; 17 BP.
XX
AC ACC65102;
XX
DT 01-JUL-2003 (first entry)
XX
DE Murine oligonucleotide associated with tumour suppression, SEQ ID 2349.
XX
KW Cytostatic; virucide; neuroprotective; nootropic; neuroleptic; murine;
KW tumour suppression; tumour reversion; apoptosis; virus resistance;
KW viral disease; tumour; cell degeneration; cancer; Alzheimer's disease;
KW schizophrenia; ss.
XX
OS Mus musculus.
XX
PN WO2003025176-A2.
XX
PD 27-MAR-2003.
XX
PF 17-SEP-2002; 2002WO-IB004210.
XX
PR 17-SEP-2001; 2001FR-00011979.
XX
PA (MOLE-) MOLECULAR ENGINES LAB.
XX
PI Telerman A, Amson R, Tuijnder M;
XX
WPI; 2003-333167/31.
XX
PT New isolated nucleic acid, useful for treating viral diseases associated
PT with tumours and cell degeneration, also related polypeptides, antibodies
PT and transfected cells.
XX
PS Disclosure; Page 305; 738pp; French.

CC The present invention relates to murine oligonucleotides (ACC62754-
CC ACC68806), which are associated with tumour suppression, tumour
CC reversion, apoptosis and virus resistance. The oligonucleotides are
CC useful as (1) as probes and primers for detecting, identifying,
CC quantifying and/or amplifying nucleic acid, e.g. as one component of a
CC gene chip; in vitro as (anti)sense reagents; and (2) for production of
CC recombinant polypeptides. The oligonucleotides are useful for preparation
CC of pharmaceuticals for prevention and/or treatment of viral diseases that
CC are characterised by development of tumours or cell degeneration,
CC specifically cancer but also Alzheimer's disease and schizophrenia
XX
SQ Sequence 17 BP; 4 A; 8 C; 1 G; 4 T; 0 U; 0 Other;

Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.9e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 921 ATCACCACCACTCTCC 936
|||||

Db 2 ATCACCACCACTCTCC 17

RESULT 1433
ACC66670/c
ID ACC66670 standard; DNA; 17 BP.
XX
AC ACC66670;
XX
DT 01-JUL-2003 (first entry)
XX
DE Murine oligonucleotide associated with tumour suppression, SEQ ID 3917.

XX Cytostatic; virucide; neuroprotective; nootropic; neuroleptic; murine;
KW tumour suppression; tumour reversion; apoptosis; virus resistance;
KW viral disease; tumour; cell degeneration; cancer; Alzheimer's disease;
KW schizophrenia; ss.
XX
OS Mus musculus.
XX
PN WO2003025176-A2.
XX
PD 27-MAR-2003.
XX
PF 17-SEP-2002; 2002WO-IB004210.
XX
PR 17-SEP-2001; 2001FR-00011979.
XX
PA (MOLE-) MOLECULAR ENGINES LAB.
XX
PI Telerman A, Amson R, Tuijnder M;
XX
WPI; 2003-333167/31.

XX New isolated nucleic acid, useful for treating viral diseases associated
XX with tumours and cell degeneration, also related polypeptides, antibodies
XX and transfected cells.
XX
PS Disclosure; Page 488; 738pp; French.

CC The present invention relates to murine oligonucleotides (ACC62754-
CC ACC68806), which are associated with tumour suppression, tumour
CC reversion, apoptosis and virus resistance. The oligonucleotides are
CC useful as (1) as probes and primers for detecting, identifying,
CC quantifying and/or amplifying nucleic acid, e.g. as one component of a
CC gene chip; in vitro as (anti)sense reagents; and (2) for production of
CC recombinant polypeptides. The oligonucleotides are useful for preparation
CC of pharmaceuticals for prevention and/or treatment of viral diseases that
CC are characterised by development of tumours or cell degeneration,
CC specifically cancer but also Alzheimer's disease and schizophrenia
XX
SQ Sequence 17 BP; 7 A; 2 C; 7 G; 1 T; 0 U; 0 Other;

Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.9e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 897 CTCAGCTTCTCGATC 912
DB 16 CTCGCTTCTCTGATC 1
|||||

RESULT 1434
ACC63047/c
ID ACC63047 standard; DNA; 17 BP.
XX
AC ACC63047;
XX
DT 01-JUL-2003 (first entry)
XX
DE Murine oligonucleotide associated with tumour suppression, SEQ ID 294.
XX
KW Cytostatic; virucide; neuroprotective; nootropic; neuroleptic; murine;

CC reversion, apoptosis and virus resistance. The oligonucleotides are
 CC useful as (1) as probes and primers for detecting, identifying,
 CC quantifying and/or amplifying nucleic acid, e.g. as one component of a
 CC gene chip; in vitro as (anti)sense reagents; and (2) for production of
 CC recombinant polypeptides. The oligonucleotides are useful for preparation
 CC of pharmaceuticals for prevention and/or treatment of viral diseases that
 CC are characterised by development of tumours or cell degeneration,
 CC specifically cancer but also Alzheimer's disease and schizophrenia
 XX
 SQ Sequence 17 BP; 7 A; 2 C; 4 G; 4 T; 0 U; 0 Other;

Query Match 3.9%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 7.9e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 887 GCATCTACTTCACG 902
 Db 16 GCATCTACTTCGATC 1

RESULT 1437
 ACC66459/c
 ID ACC66459 standard; DNA; 17 BP.
 XX
 AC ACC66459;
 XX
 DT 01-JUL-2003 (first entry)
 XX
 DE Murine oligonucleotide associated with tumour suppression, SEQ ID 3706.
 XX
 KW Cytostatic; virucide; neuroprotective; nootropic; neuroleptic; murine;
 KW tumour suppression; tumour reversion; apoptosis; virus resistance;
 KW viral disease; tumour; cell degeneration; cancer; Alzheimer's disease;
 KW schizophrenia; ss.
 XX
 OS Mus musculus.
 XX
 PN WO2003025176-A2.
 XX
 PD 27-MAR-2003.
 XX
 PF 17-SEP-2002; 2002WO-IB004210.
 XX
 PR 17-SEP-2001; 2001FR-00011979.
 XX
 XX (MOLE-) MOLECULAR ENGINES LAB.
 XX
 PI Telerman A, Amson R, Tuijnder M;
 XX
 XX WPI; 2003-333167/31.
 XX
 PT New isolated nucleic acid, useful for treating viral diseases associated
 PT with tumors and cell degeneration, also related polypeptides, antibodies
 PT and transfected cells.
 XX
 PS Disclosure; Page 464; 738pp; French.
 XX
 CC The present invention relates to murine oligonucleotides (ACC62754-
 CC ACC6806), which are associated with tumour suppression, tumour
 CC reversion, apoptosis and virus resistance. The oligonucleotides are
 CC useful as (1) as probes and primers for detecting, identifying,
 CC quantifying and/or amplifying nucleic acid, e.g. as one component of a
 CC gene chip; in vitro as (anti)sense reagents; and (2) for production of
 CC recombinant polypeptides. The oligonucleotides are useful for preparation
 CC of pharmaceuticals for prevention and/or treatment of viral diseases that
 CC are characterised by development of tumours or cell degeneration,
 CC specifically cancer but also Alzheimer's disease and schizophrenia
 XX
 SQ Sequence 17 BP; 7 A; 1 C; 4 G; 5 T; 0 U; 0 Other;

Query Match 3.9%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 7.9e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 967 ACTCTCTAAATCTGGT 982
 Db 17 AATCTCTATATCTGAT 2

RESULT 1438
 ACC66556
 ID ACC66556 standard; DNA; 17 BP.
 XX
 AC ACC66556;
 XX
 DT 01-JUL-2003 (first entry)
 XX
 DE Murine oligonucleotide associated with tumour suppression, SEQ ID 3803.
 XX
 KW Cytostatic; virucide; neuroprotective; nootropic; neuroleptic; murine;
 KW tumour suppression; tumour reversion; apoptosis; virus resistance;
 KW viral disease; tumour; cell degeneration; cancer; Alzheimer's disease;
 KW schizophrenia; ss.
 XX
 OS Mus musculus.
 XX
 PN WO2003025176-A2.
 XX
 PD 27-MAR-2003.
 XX
 PF 17-SEP-2002; 2002WO-IB004210.
 XX
 PR 17-SEP-2001; 2001FR-00011979.
 XX
 XX (MOLE-) MOLECULAR ENGINES LAB.
 XX
 PI Telerman A, Amson R, Tuijnder M;
 XX
 XX WPI; 2003-333167/31.
 XX
 PT New isolated nucleic acid, useful for treating viral diseases associated
 PT with tumors and cell degeneration, also related polypeptides, antibodies
 PT and transfected cells.
 XX
 PS Disclosure; Page 475; 738pp; French.
 XX
 CC The present invention relates to murine oligonucleotides (ACC62754-
 CC ACC6806), which are associated with tumour suppression, tumour
 CC reversion, apoptosis and virus resistance. The oligonucleotides are
 CC useful as (1) as probes and primers for detecting, identifying,
 CC quantifying and/or amplifying nucleic acid, e.g. as one component of a
 CC gene chip; in vitro as (anti)sense reagents; and (2) for production of
 CC recombinant polypeptides. The oligonucleotides are useful for preparation
 CC of pharmaceuticals for prevention and/or treatment of viral diseases that
 CC are characterised by development of tumours or cell degeneration,
 CC specifically cancer but also Alzheimer's disease and schizophrenia
 XX
 SQ Sequence 17 BP; 3 A; 4 C; 3 G; 7 T; 0 U; 0 Other;

Query Match 3.9%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 7.9e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 909 GATCAGATTATCATCA 924
 Db 1 GATCAGCTTGCTTCA 16

RESULT 1439
 ACC63617/c
 ID ACC63617 standard; DNA; 17 BP.
 XX
 AC ACC63617;
 XX
 DT 01-JUL-2003 (first entry)
 XX

XX The present invention relates to murine oligonucleotides (ACC62754-
 CC ACC68806), which are associated with tumour suppression, tumour
 CC reversion, apoptosis and virus resistance. The oligonucleotides are
 CC useful as (1) as probes and primers for detecting, identifying,
 CC quantifying and/or amplifying nucleic acid, e.g. as one component of a
 CC gene chip; in vitro as (anti)sense reagents; and (2) for production of
 CC recombinant polypeptides. The oligonucleotides are useful for preparation
 CC of pharmaceuticals for prevention and/or treatment of viral diseases that
 CC are characterised by development of tumours or cell degeneration,
 CC specifically cancer but also Alzheimer's disease and schizophrenia
 XX
 SQ Sequence 17 BP; 2 A; 8 C; 2 G; 5 T; 0 U; 0 Other;

Query Match 3.9%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 7.9e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 884 GATGCACCTTACTTCTC 899
 ||| ||| ||| ||| |||
 Db 1 GATCCACCTGCTTCTC 16

RESULT 1442
 ACC67517
 ID ACC67517 standard; DNA; 17 BP.
 XX
 AC ACC67517;
 XX
 DT 01-JUL-2003 (first entry)
 XX
 DE Murine oligonucleotide associated with tumour suppression, SEQ ID 4764.

XX Cytostatic; virucide; neuroprotective; nootropic; neuroleptic; murine;
 KW tumour suppression; tumour reversion; apoptosis; virus resistance;
 KW viral disease; tumour; cell degeneration; cancer; Alzheimer's disease;
 KW schizophrenia; ss.

OS Mus musculus.
 XX
 XX WO2003025176-A2.
 FN
 XX 27-MAR-2003.
 PD

XX 17-SEP-2002; 2002WO-IB004210.
 PF
 XX 17-SEP-2001; 2001FR-00011379.
 PR
 XX (MOLE-) MOLECULAR ENGINES LAB.
 PA
 FI Telerman A, Amson R, Tuijnder M;
 XX WPI; 2003-333167/31.
 DR
 XX New isolated nucleic acid, useful for treating viral diseases associated
 PT with tumors and cell degeneration, also related polypeptides, antibodies
 PT and transfected cells.
 PT
 XX Disclosure; Page 587; 738pp; French.

XX The present invention relates to murine oligonucleotides (ACC62754-
 CC ACC68806), which are associated with tumour suppression, tumour
 CC reversion, apoptosis and virus resistance. The oligonucleotides are
 CC useful as (1) as probes and primers for detecting, identifying,
 CC quantifying and/or amplifying nucleic acid, e.g. as one component of a
 CC gene chip; in vitro as (anti)sense reagents; and (2) for production of
 CC recombinant polypeptides. The oligonucleotides are useful for preparation
 CC of pharmaceuticals for prevention and/or treatment of viral diseases that
 CC are characterised by development of tumours or cell degeneration,
 CC specifically cancer but also Alzheimer's disease and schizophrenia
 XX
 SQ Sequence 17 BP; 4 A; 10 C; 2 G; 1 T; 0 U; 0 Other;

Query Match 3.9%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 7.9e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
 QY 921 ATACACACACACCTTC 936
 ||| ||| ||| ||| |||
 Db 2 ATCCCCACACGCCACC 17

RESULT 1443
 ACC83628/C
 ID ACC83628 standard; DNA; 17 BP.
 XX
 AC ACC83628;
 XX
 DT 08-SEP-2003 (first entry)
 XX
 DE Klebsiella oxytoca dgtPase dgt gene PCR primer or probe.

XX Deoxyguanosine triphosphate triphosphohydrolase; dgtPase; enzyme;
 KW EC-3.1.5.1; enteric bacteria; biosensor; biochip; PCR; primer; probe; ss.

OS Klebsiella oxytoca.

XX WO2003046201-A2.

XX 05-JUN-2003.

XX 01-OCT-2002; 2002WO-US031323.

XX 21-NOV-2001; 2001US-00991552.

XX (KIMB) KIMBERLY-CLARK WORLDWIDE INC.

XX Quirk S;

XX WPI; 2003-482523/45.

XX Detecting enteric bacteria of the family Enterobacteriaceae such as
 PT Escherichia in food or water sample, by hybridizing test sample with a
 PT probe, and detecting hybridization between probe and a nucleic acid in
 PT sample.

XX Claim 9; Page 64; 90pp; English.

XX The present sequence is that of an oligonucleotide that can be used as a
 CC hybridisation probe for detecting or identifying Klebsiella oxytoca
 CC guanosine triphosphate triphosphohydrolase (dgtPase) dgt gene sequences,
 CC or as a primer for DNA synthesis, DNA sequencing or DNA amplification of
 CC dgtPase nucleic acids. dgtPase is found only in Enterobacteriaceae, such
 CC as Escherichia coli, Salmonella and Klebsiella species. Detection of the
 CC enzyme is therefore a specific indicator that Enterobacteriaceae
 CC pathogens are present in a test sample. The invention relates to the
 CC detection of Enterobacteriaceae and to the identification of the genus or
 CC genera of Enterobacteriaceae present in a test sample. It is based on the
 CC detection of dgtPase nucleic acids or dgtPase enzyme using e.g.
 CC hybridisation probes comprising the present nucleic acid, DNA
 CC amplification primers, or biosensor chips comprising the present nucleic
 CC acid. The methods are useful for determining whether food, water or other
 CC samples are contaminated with enteric bacteria

SQ Sequence 17 BP; 3 A; 5 C; 7 G; 2 T; 0 U; 0 Other;
 Query Match 3.9%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 7.9e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 764 GGCTCCACCTTCGAG 779
 ||| ||| ||| ||| |||
 Db 17 GGCTGCACCTTCGAG 2

RESULT 1444

ACC59780/c
 ID ACC59780 standard; DNA; 17 BP.
 XX AC ACC59780;
 XX DT 08-SEP-2003 (first entry)
 XX DE Human erythropoietin gene PCR primer #4.
 XX KW Recombinant protein production; vector; host cell line; erythropoietin;
 XX KW EPO; human; selection agent; selectable marker; PCR; primer; ss.
 XX OS Homo sapiens.
 XX PN WO2003046187-A1.
 XX PD 05-JUN-2003.
 XX PF 26-NOV-2002; 2002WO-EP013297.
 XX PR 28-NOV-2001; 2001US-0333868P.
 XX PA (BIOC) BIOCHEMIE GMBH.
 XX PI Schoergendorfer K, Windisch J, Kunert R, Unterluggauer F;
 XX DR WPI; 2003-505205/47.
 XX PT Producing a transformed eukaryotic host cell (e.g. Chinese hamster ovary
 PT cell) that expresses a recombinant polypeptide (e.g. erythropoietin)
 PT comprises introducing into the host cell a first and a second
 PT polynucleotide vector.
 XX PS Example 1; Page 31; 62pp; English.
 XX CC The present invention relates to a method of producing a transformed
 CC eukaryotic host cell that expresses a recombinant polypeptide of interest
 CC comprising introducing into a eukaryotic host cell first and second
 CC polynucleotide vectors that are integrated into the genome of the host
 CC cell. Particular polypeptides of interest include human erythropoietin
 CC (EPO). The method is useful in producing host cells that express
 CC recombinant polypeptides, such as human erythropoietin, and in producing
 CC the polypeptides. The present sequence is an oligonucleotide used in the
 CC exemplification of the invention
 XX SQ Sequence 17 BP; 6 A; 6 C; 2 G; 3 T; 0 U; 0 Other;
 Query Match 3.9%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 7.9e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
 QY 974 AAATCTGGTGTATGGG 989
 DB 17 AACCTTGGTGTCTGGG 2
 RESULT 1445
 ADA44940
 ID ADA44940 standard; DNA; 17 BP.
 XX AC ADA44940;
 XX DT 20-NOV-2003 (first entry)
 XX DE Consensus integrin beta subunit primer BTE3P.
 XX KW guinea pig; PCR; primer; ss; decreasing cell adhesion; integrin; cancer;
 XX KW lung cancer; cervical cancer; melanoma; fibrosarcoma; osteosarcoma.
 XX OS Cavia porcellus.
 XX PN US6596277-B1.
 XX PT Decreasing cell adhesion in cells for diagnosing and treating lung and
 cervical cancers, melanoma, fibrosarcoma and osteosarcoma, comprises

PD 22-JUL-2003.
 XX 06-FEB-2002; 2002US-00072838.
 XX 11-JUL-1991; 91US-00728215.
 XX 26-SEP-1997; 97US-00938085.
 XX 08-JUN-2000; 2000US-00591543.
 XX (REGC) UNIV CALIFORNIA.
 XX Sheppard D, Pytela R;
 XX WPI; 2003-615551/58.
 XX PT Decreasing cell adhesion in cells for diagnosing and treating lung and
 PT cervical cancers, melanoma, fibrosarcoma and osteosarcoma, comprises
 PT using antibody specific for beta subunit integrin.
 XX PS Example 1; Fig 1B; 44pp; English.
 XX CC The invention relates to a method of decreasing cell adhesion in cells
 CC expressing an alpha_vbeta_6 integrin which comprises binding the integrin
 CC with an antibody reactive with a beta_6 integrin subunit. The antibody
 CC reactive with a beta_6 integrin subunit is useful for decreasing cell
 CC adhesion in cells expressing an alpha_vbeta_6 integrin, for diagnosing
 CC and treating lung and cervical cancers, melanoma, fibrosarcoma and
 CC osteosarcoma. The present sequence represents an integrin beta subunit
 CC PCR primer.
 XX SQ Sequence 17 BP; 5 A; 6 C; 4 G; 2 T; 0 U; 0 Other;
 Query Match 3.9%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 7.9e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
 QY 838 CTCTCTGGAAGACAGC 853
 DB 1 CATCTCGAAGACGGC 16
 RESULT 1446
 ADA44939
 ID ADA44939 standard; DNA; 17 BP.
 XX AC ADA44939;
 XX DT 20-NOV-2003 (first entry)
 XX DE Guinea pig integrin beta 6 subunit primer #2.
 XX KW guinea pig; PCR; primer; ss; decreasing cell adhesion; integrin; cancer;
 XX KW lung cancer; cervical cancer; melanoma; fibrosarcoma; osteosarcoma.
 XX OS Cavia porcellus.
 XX PN US6596277-B1.
 XX PD 22-JUL-2003.
 XX PF 06-FEB-2002; 2002US-00072838.
 XX PR 11-JUL-1991; 91US-00728215.
 XX 26-SEP-1997; 97US-00938085.
 XX 08-JUN-2000; 2000US-00591543.
 XX (REGC) UNIV CALIFORNIA.
 XX Sheppard D, Pytela R;
 XX WPI; 2003-615551/58.
 XX PT Decreasing cell adhesion in cells for diagnosing and treating lung and
 PT cervical cancers, melanoma, fibrosarcoma and osteosarcoma, comprises

PT using antibody specific for beta subunit integrin.
XX Example 1; Fig 1B; 44pp; English.
XX
CC The invention relates to a method of decreasing cell adhesion in cells
CC expressing an alpha_vbeta_6 integrin which comprises binding the integrin
CC with an antibody reactive with a beta_6 integrin subunit. The antibody
CC reactive with a beta_6 integrin subunit is useful for decreasing cell
CC adhesion in cells expressing an alpha_vbeta_6 integrin, for diagnosing
CC and treating lung and cervical cancers, melanoma, fibrosarcoma and
CC osteosarcoma. The present sequence represents an integrin beta subunit
CC PCR primer.
XX
SQ Sequence 17 BP; 5 A; 6 C; 4 G; 2 T; 0 U; 0 Other;

Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.9e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 838 CTCTCTGAAGACAGC 853
Db 1 CATCTCCGAAGACGCG 16

RESULT 1447
ACC85119/c
ID ACC85119 standard; DNA; 17 BP.
XX
AC ACC85119;
XX
DT 08-SEP-2003 (first entry)
XX
DE Human erythropoietin gene PCR primer #4.
XX
KW Recombinant protein production; mammalian cell culture; human;
KW erythropoietin; EPO; PCR; primer; ss.
XX
OS Homo sapiens.
XX
PN WO2003046162-A2.
XX
PD 05-JUN-2003.
XX
PF 28-NOV-2002; 2002WO-EP013431.
XX
PR 28-NOV-2001; 2001US-0333867P.
PR 28-NOV-2001; 2001US-0333868P.
XX
PA (POLY-) POLYMER SCI IMMUNOBIOLOGISCHE FORSCHUNG.
PA (KATI/) KATINGER H.
PA (KUNE/) KUNERT R.
PA (MUEL/) MUELLER D.
PA (UNTE/) UNTERLUGGAUER F.
XX
PI Katinger H, Kunert R, Mueller D, Unterluggauer F;
XX
DR WPI; 2003-513644/48.
XX
PT Producing polypeptide of interest by culturing hybridoma or transformed
PT host cell which comprise a nucleotide sequence encoding polypeptide, in
PT culture medium free from each of a plant-derived or animal-derived
PT peptone.
XX
PS Example 1; Page 40; 77pp; English.
XX
CC The present invention relates to a method of producing a polypeptide of
CC interest, which involves culturing a hybridoma or transformed host cell
CC in a culture medium for mammalian cell culture, where the medium
CC comprises water, buffer, energy source, amino acids, lipid source,
CC precursor, or iron source, non-ferrous metal ions, inorganic salts,
CC vitamins and cofactors, and is free from each of a plant-derived or
CC animal-derived peptone. An example protein which may be produced using
CC the method is human erythropoietin (EPO). The method is useful for

CC producing a polypeptide of interest chosen from human growth hormone,
CC human monoclonal antibodies, preferably of subclasses IgG, IgM and IgA,
CC host cell comprises at least two polynucleotide vectors that encode
CC different parts of an antibody and where the different proteins are
CC of an antibody. The present sequence is an oligonucleotide used in the
CC exemplification of the invention
XX
SQ Sequence 17 BP; 6 A; 6 C; 2 G; 3 T; 0 U; 0 Other;

Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.9e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 974 AATCTCGTGTATGGG 989
Db 17 AACTTTGCTGTCTGGG 2

RESULT 1448
ADA21025
ID ADA21025 standard; DNA; 17 BP.
XX
AC ADA21025;
XX
DT 20-NOV-2003 (first entry)
XX
DE Guinea pig beta_6 cDNA PCR primer #8.
XX
KW Integrin cell surface receptor; beta_6; cell adhesion;
KW beta_6-containing integrin; PCR; ss; primer; guinea pig.
XX
OS Cavia porcellus.
XX
FN US2003064471-A1.
XX
PD 03-APR-2003.
XX
PF 14-AUG-2002; 2002US-00219631.
XX
PR 11-JUL-1991; 91US-00728215.
PR 26-SEP-1997; 97US-00936085.
PR 08-JUN-2000; 2000US-00591543.
PR 06-FEB-2002; 2002US-00072841.
XX
PA (SHEP/) SHEPPARD D.
PA (PYTE/) PYTELA R.
XX
PI Sheppard D, Pytela R;
XX
DR WPI; 2003-540787/51.
XX
PT Novel substantially purified integrin cell surface receptor subunit
PT comprising beta-6, useful for controlling cell adhesion in cells
PT expressing a beta-6-containing integrin.
XX
PS Example 1; Fig 1; 46pp; English.
XX
CC The invention relates to a substantially purified integrin cell surface
CC receptor subunit comprising a beta_6 polypeptide. The integrin cell
CC surface receptor subunit is useful for increasing cell adhesion in cells
CC expressing a beta-6-containing integrin, by overexpressing the beta_6-
CC containing integrin in a cell. The subunit is useful for decreasing cell
CC adhesion in cells expressing beta_6-containing integrin, by binding the
CC integrin with a ligand. The subunit is also useful for detecting a ligand
CC that binds the integrin, by contacting the integrin with a solution
CC containing the ligand suspected of binding beta_6-containing integrins
CC and detecting the presence of the ligand bound to the integrin. A reagent
CC having specificity for beta_6 is useful as an immunogen, used to prepare
CC reagents specific for beta_6 or as an indicator to detect beta_6-
CC containing integrin. A nucleic acid encoding beta_6 is useful as a probe
CC for diagnostic purposes. This sequence represents a PCR primer used to

CC amplify cDNA encoding the beta_6 polypeptide of the invention.

SQ Sequence 17 BP; 5 A; 6 C; 4 G; 2 T; 0 U; 0 Other;

Query Match 3.9%; Score 11.2; DB 1; Length 17;

Best Local Similarity 81.2%; Pred. No. 7.9e+02;

Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 838 CTTCTCTGAAGACAGC 853

DB 1 CATCTCCGAGACGGC 16

RESULT 1449

ADA21026

ID ADA21026 standard; DNA; 17 BP.

XX ADA21026;

XX 20-NOV-2003 (first entry)

XX Guinea pig beta_6 cDNA PCR primer #9.

XX Integrin cell surface receptor; beta_6; cell adhesion;

XX beta_6-containing integrin; PCR; ss; primer; guinea pig.

XX Cavia porcellus.

XX US2003064471-A1.

XX 03-APR-2003.

XX 14-AUG-2002; 2002US-00219631.

XX 11-JUL-1991; 91US-00728215.

XX 26-SEP-1997; 97US-00938085.

XX 08-JUN-2000; 2000US-00591543.

XX 06-FEB-2002; 2002US-00072841.

XX (SHEP/) SHEPPARD D.

XX (PYTE/) PYTELA R.

XX Sheppard D, Pytela R;

XX WPI; 2003-540787/51.

XX Novel substantially purified integrin cell surface receptor subunit

PT comprising beta-6, useful for controlling cell adhesion in cells

PT expressing a beta-6-containing integrin.

XX Example 1; Fig 1; 46pp; English.

XX The invention relates to a substantially purified integrin cell surface

CC receptor subunit comprising a beta_6 polypeptide. The integrin cell

CC surface receptor subunit is useful for increasing cell adhesion in cells

CC expressing a beta_6-containing integrin, by overexpressing the beta_6-

CC containing integrin in a cell. The subunit is useful for decreasing cell

CC adhesion in cells expressing beta_6-containing integrin, by binding the

CC integrin with a ligand. The subunit is also useful for detecting a ligand

CC that binds the integrin, by contacting the integrin with a solution

CC containing the ligand suspected of binding beta_6-containing integrins

CC and detecting the presence of the ligand bound to the integrin. A reagent

CC having specificity for beta_6 is useful as an immunogen, used to prepare

CC reagents specific for beta_6 or as an indicator to detect beta_6-

CC containing integrin. A nucleic acid encoding beta_6 is useful as a probe

CC for diagnostic purposes. This sequence represents a PCR primer used to

CC amplify cDNA encoding the beta_6 polypeptide of the invention.

XX Sequence 17 BP; 5 A; 6 C; 4 G; 2 T; 0 U; 0 Other;

Query Match 3.9%; Score 11.2; DB 1; Length 17;

Best Local Similarity 81.2%; Pred. No. 7.9e+02;

Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 838 CTTCTCTGAAGACAGC 853

DB 1 CATCTCCGAGACGGC 16

RESULT 1450

ADB42667

ID ADB42667 standard; DNA; 17 BP.

XX ADB42667;

XX 18-DEC-2003 (revised)

XX 04-DEC-2003 (first entry)

XX Tumour suppression/reversion associated nucleotide #2990.

XX cytostatic; antiviral; neuroprotective; neurotropic; neuroleptic; ss;

XX primer; probe; tumour suppression; tumour reversion; apoptosis;

XX virus resistance; transgenic animals; Alzheimer's disease; schizophrenia;

XX diagnosis.

XX Homo sapiens.

XX WO2003040369-A2.

XX 15-MAY-2003.

XX 17-SEP-2002; 2002WO-IB004219.

XX 17-SEP-2001; 2001FR-00011981.

XX (MOLE-) MOLECULAR ENGINES LAB.

XX Telerman A, Amson R, Tuijnder M;

XX WPI; 2003-441574/41.

XX New nucleic acid encoding human prostate membrane-specific antigen,

XX useful e.g. for treatment of tumors and viral infection, also related

XX polypeptide and antibodies.

XX Disclosure; Page 381; 771pp; French.

XX The invention relates to the isolation of 6327 nucleotide sequences,

XX fragments of at least 15 consecutive nucleotides of these nucleotides, a

XX sequence having at least 80% identity, after optimal alignment, with the

XX nucleotides, a sequence that hybridizes under stringent conditions with

XX the nucleotides, or the complement, or corresponding RNA, of the

XX nucleotides. The nucleotides are used as probes or primers for detecting,

XX identifying, quantifying and/or amplifying nucleic acids, as in vitro

XX sense and antisense sequences, of nucleotides involved in tumour

XX suppression or reversion, apoptosis and or viral resistance, to produce

XX recombinant polypeptides, and to prepare transgenic animals, as

XX experimental models. The nucleotides (also vectors containing them and

XX cells containing the vectors), the encoded polypeptides and antibodies

XX (Ab) against the polypeptide are useful for prevention and/or treatment

XX of viral infections or diseases characterized by development of tumours

XX or cell degeneration (e.g. Alzheimer's disease or schizophrenia).

XX Analysis of the expression of the nucleotides can be used for diagnosis

XX and/or prognosis of these diseases. The nucleotides and polypeptides can

XX also be used to screen for their specific interactive molecules,

XX potentially useful for treating diseases associated with abnormal

XX expression of the nucleotides.

XX Sequence 17 BP; 6 A; 7 C; 1 G; 3 T; 0 U; 0 Other;

Query Match 3.9%; Score 11.2; DB 1; Length 17;

Best Local Similarity 81.2%; Pred. No. 7.9e+02;

Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 921 ATCACCACACCCCTCC 936

||||| |||||

Db 2 ATCACTACACCATCC 17

RESULT 1451
ADB42854
ID ADB42854 standard; DNA; 17 BP.
XX
AC ADB42854;
XX
DT 18-DEC-2003 (revised)
DT 04-DEC-2003 (first entry)
XX
XX Tumour suppression/reversion associated nucleotide #3177.
DE
XX cytostatic; antiviral; neuroprotective; nootropic; neuroleptic; ss;
XX primer; probe; tumour suppression; tumour reversion; apoptosis; ss;
KW virus resistance; transgenic animals; Alzheimer's disease; schizophrenia;
KW diagnosis.
XX
XX Homo sapiens.
OS
XX WO2003040369-A2.
XX
XX 15-MAY-2003.
XX
XX 17-SEP-2002; 2002WO-IB004219.
XX
XX 17-SEP-2001; 2001FR-00011981.
XX
XX (MOLE-) MOLECULAR ENGINES LAB.
XX
XX Telerman A, Amson R, Tuijnder M;
XX WPI; 2003-441574/41.
XX
XX New nucleic acid encoding human prostate membrane-specific antigen,
XX useful e.g. for treatment of tumors and viral infection, also related
XX polypeptide and antibodies.
XX
XX Disclosure; Page 403; 771pp; French.
XX
XX The invention relates to the isolation of 6327 nucleotide sequences,
XX fragments of at least 15 consecutive nucleotides of these nucleotides, a
XX sequence having at least 80% identity, after optimal alignment, with the
XX nucleotides, a sequence that hybridizes under stringent conditions with
XX the nucleotides, or the complement, or corresponding RNA, of the
XX nucleotides. The nucleotides are used as probes or primers for detecting,
XX identifying, quantifying and/or amplifying nucleic acids, as in vitro
XX sense and antisense sequences, of nucleotides involved in tumour
XX suppression or reversion, apoptosis and or viral resistance, to produce
XX recombinant polypeptides, and to prepare transgenic animals, as
XX experimental models. The nucleotides (also vectors containing them and
XX cells containing the vectors), the encoded polypeptides and antibodies
XX (Ab) against the polypeptide are useful for prevention and/or treatment
XX of viral infections or diseases characterized by development of tumours
XX or cell degeneration (e.g. Alzheimer's disease or schizophrenia).
XX Analysis of the expression of the nucleotides can be used for diagnosis
XX and/or prognosis of these diseases. The nucleotides and polypeptides can
XX also be used to screen for their specific interactive molecules,
XX potentially useful for treating diseases associated with abnormal
XX expression of the nucleotides.
XX
SQ Sequence 17 BP; 8 A; 2 C; 1 G; 6 T; 0 U; 0 Other;
Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.9e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
XX
QY 909 GATCAGATTATCATCA 924
Db 1 GATCAGATTATTAATAA 16

RESULT 1452
ADB43276/c
ID ADB43276 standard; DNA; 17 BP.
XX
AC ADB43276;
XX
DT 18-DEC-2003 (revised)
DT 04-DEC-2003 (first entry)
XX
XX Tumour suppression/reversion associated nucleotide #3599.
DE
XX cytostatic; antiviral; neuroprotective; nootropic; neuroleptic; ss;
XX primer; probe; tumour suppression; tumour reversion; apoptosis; ss;
KW virus resistance; transgenic animals; Alzheimer's disease; schizophrenia;
KW diagnosis.
XX
XX Homo sapiens.
OS
XX WO2003040369-A2.
XX
XX 15-MAY-2003.
XX
XX 17-SEP-2002; 2002WO-IB004219.
XX
XX 17-SEP-2001; 2001FR-00011981.
XX
XX (MOLE-) MOLECULAR ENGINES LAB.
XX
XX Telerman A, Amson R, Tuijnder M;
XX WPI; 2003-441574/41.
XX
XX New nucleic acid encoding human prostate membrane-specific antigen,
XX useful e.g. for treatment of tumors and viral infection, also related
XX polypeptide and antibodies.
XX
XX Disclosure; Page 452; 771pp; French.
XX
XX The invention relates to the isolation of 6327 nucleotide sequences,
XX fragments of at least 15 consecutive nucleotides of these nucleotides, a
XX sequence having at least 80% identity, after optimal alignment, with the
XX nucleotides, a sequence that hybridizes under stringent conditions with
XX the nucleotides, or the complement, or corresponding RNA, of the
XX nucleotides. The nucleotides are used as probes or primers for detecting,
XX identifying, quantifying and/or amplifying nucleic acids, as in vitro
XX sense and antisense sequences, of nucleotides involved in tumour
XX suppression or reversion, apoptosis and or viral resistance, to produce
XX recombinant polypeptides, and to prepare transgenic animals, as
XX experimental models. The nucleotides (also vectors containing them and
XX cells containing the vectors), the encoded polypeptides and antibodies
XX (Ab) against the polypeptide are useful for prevention and/or treatment
XX of viral infections or diseases characterized by development of tumours
XX or cell degeneration (e.g. Alzheimer's disease or schizophrenia).
XX Analysis of the expression of the nucleotides can be used for diagnosis
XX and/or prognosis of these diseases. The nucleotides and polypeptides can
XX also be used to screen for their specific interactive molecules,
XX potentially useful for treating diseases associated with abnormal
XX expression of the nucleotides.
XX
SQ Sequence 17 BP; 3 A; 3 C; 9 G; 2 T; 0 U; 0 Other;
Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.9e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
XX
QY 928 CCACCCCTCCAGAGAAT 943
Db 17 CCACCCCTCTCGCGAT 2

RESULT 1453
ADB40866/c
ID ADB40866 standard; DNA; 17 BP.

XX ADB40866;
 AC
 DT 18-DEC-2003 (revised)
 DT 04-DEC-2003 (first entry)
 XX Tumour suppression/reversion associated nucleotide #1189.
 DE
 XX cytostatic; antiviral; neuroprotective; nootropic; neuroleptic; ss;
 KW primer; probe; tumour suppression; tumour reversion; apoptosis;
 KW virus resistance; transgenic animals; Alzheimer's disease; schizophrenia;
 KW diagnosis.
 KW
 XX Homo sapiens.
 OS
 XX WO2003040369-A2.
 PN
 XX 15-MAY-2003.
 PD
 XX 17-SEP-2002; 2002WO-IB004219.
 PF
 XX 17-SEP-2001; 2001FR-00011981.
 PR
 XX (MOLE-) MOLECULAR ENGINES LAB.
 PA
 XX Telerman A, Amson R, Tuijnder M;
 PI
 XX WPI; 2003-441574/41.
 DR
 XX New nucleic acid encoding human prostate membrane-specific antigen,
 PT useful e.g. for treatment of tumors and viral infection, also related
 PT polypeptide and antibodies.
 PT
 PS Disclosure; Page 171; 771pp; French.
 XX
 XX The invention relates to the isolation of 6327 nucleotide sequences,
 CC fragments of at least 15 consecutive nucleotides of these nucleotides, a
 CC sequence having at least 80% identity, after optimal alignment, with the
 CC nucleotides, a sequence that hybridizes under stringent conditions with
 CC the nucleotides, or the complement, or corresponding RNA, of the
 CC nucleotides. The nucleotides are used as probes or primers for detecting,
 CC identifying, quantifying and/or amplifying nucleic acids, as in vitro
 CC sense and antisense sequences, of nucleotides involved in tumour
 CC suppression or reversion, apoptosis and or viral resistance, to produce
 CC recombinant polypeptides, and to prepare transgenic animals, as
 CC experimental models. The nucleotides (also vectors containing them and
 CC cells containing the vectors), the encoded polypeptides and antibodies
 CC (Ab) against the polypeptide are useful for prevention and/or treatment
 CC of viral infections or diseases characterized by development of tumours
 CC or cell degeneration (e.g. Alzheimer's disease or schizophrenia).
 CC Analysis of the expression of the nucleotides can be used for diagnosis
 CC and/or prognosis of these diseases. The nucleotides and polypeptides can
 CC also be used to screen for their specific interactive molecules,
 CC potentially useful for treating diseases associated with abnormal
 CC expression of the nucleotides.
 XX
 SQ Sequence 17 BP; 4 A; 5 C; 5 G; 3 T; 0 U; 0 Other;
 Query Match 3.9%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 7.9e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
 XX
 QY 905 CTGCGATCAGATTATC 920
 DB 16 CTGGGCTCAGATGATC 1
 |||||
 RESULT 1454
 ADB41677
 ID ADB41677 standard; DNA; 17 BP.
 XX
 AC ADB41677;
 XX

DT 18-DEC-2003 (revised)
 DT 04-DEC-2003 (first entry)
 XX Tumour suppression/reversion associated nucleotide #2000.
 DE
 XX cytostatic; antiviral; neuroprotective; nootropic; neuroleptic; ss;
 KW primer; probe; tumour suppression; tumour reversion; apoptosis;
 KW virus resistance; transgenic animals; Alzheimer's disease; schizophrenia;
 KW diagnosis.
 KW
 XX Homo sapiens.
 OS
 XX WO2003040369-A2.
 PN
 XX 15-MAY-2003.
 PD
 XX 17-SEP-2002; 2002WO-IB004219.
 PF
 XX 17-SEP-2001; 2001FR-00011981.
 PR
 XX (MOLE-) MOLECULAR ENGINES LAB.
 PA
 XX Telerman A, Amson R, Tuijnder M;
 PI
 XX WPI; 2003-441574/41.
 DR
 XX New nucleic acid encoding human prostate membrane-specific antigen,
 PT useful e.g. for treatment of tumors and viral infection, also related
 PT polypeptide and antibodies.
 PT
 PS Disclosure; Page 265; 771pp; French.
 XX
 XX The invention relates to the isolation of 6327 nucleotide sequences,
 CC fragments of at least 15 consecutive nucleotides of these nucleotides, a
 CC sequence having at least 80% identity, after optimal alignment, with the
 CC nucleotides, a sequence that hybridizes under stringent conditions with
 CC the nucleotides, or the complement, or corresponding RNA, of the
 CC nucleotides. The nucleotides are used as probes or primers for detecting,
 CC identifying, quantifying and/or amplifying nucleic acids, as in vitro
 CC sense and antisense sequences, of nucleotides involved in tumour
 CC suppression or reversion, apoptosis and or viral resistance, to produce
 CC recombinant polypeptides, and to prepare transgenic animals, as
 CC experimental models. The nucleotides (also vectors containing them and
 CC cells containing the vectors), the encoded polypeptides and antibodies
 CC (Ab) against the polypeptide are useful for prevention and/or treatment
 CC of viral infections or diseases characterized by development of tumours
 CC or cell degeneration (e.g. Alzheimer's disease or schizophrenia).
 CC Analysis of the expression of the nucleotides can be used for diagnosis
 CC and/or prognosis of these diseases. The nucleotides and polypeptides can
 CC also be used to screen for their specific interactive molecules,
 CC potentially useful for treating diseases associated with abnormal
 CC expression of the nucleotides.
 XX
 SQ Sequence 17 BP; 3 A; 5 C; 2 G; 7 T; 0 U; 0 Other;
 Query Match 3.9%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 7.9e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
 QY 800 GAGCTCTCTCCCACT 815
 DB 1 GATCTGCTCTTAAT 16
 |||||
 RESULT 1455
 ADB41501/C
 ID ADB41501 standard; DNA; 17 BP.
 XX
 AC ADB41501;
 XX
 DT 18-DEC-2003 (revised)
 DT 04-DEC-2003 (first entry)
 XX

DE Tumour suppression/reversion associated nucleotide #1824.
XX cytostatic; antiviral; neuroprotective; nootropic; neuroleptic; ss;
KW primer; probe; tumour suppression; tumour reversion; apoptosis;
KW virus resistance; transgenic animals; Alzheimer's disease; schizophrenia;
KW diagnosis.
XX Homo sapiens.
OS
PN WO2003040369-A2.
XX
XX 15-MAY-2003.
XX
XX 17-SEP-2002; 2002WO-IB004219.
XX
XX 17-SEP-2001; 2001FR-00011981.
XX
XX (MOLE-) MOLECULAR ENGINES LAB.
XX
XX Telerman A, Amson R, Tuijnder M;
XX
XX MPI; 2003-441574/41.
XX
XX New nucleic acid encoding human prostate membrane-specific antigen,
PT useful e.g. for treatment of tumors and viral infection, also related
PT polypeptide and antibodies.
XX
XX Disclosure; Page 245; 77lpp; French.
XX
XX The invention relates to the isolation of 6327 nucleotide sequences,
CC fragments of at least 15 consecutive nucleotides of these nucleotides, a
CC sequence having at least 80% identity, after optimal alignment, with the
CC nucleotides, a sequence that hybridizes under stringent conditions with
CC the nucleotides, or the complement, or corresponding RNA, of the
CC the nucleotides, or the complement, or corresponding RNA, of the
CC nucleotides. The nucleotides are used as probes or primers for detecting,
CC identifying, quantifying and/or amplifying nucleic acids, as in vitro
CC sense and antisense sequences, of nucleotides involved in tumour
CC suppression or reversion, apoptosis and or viral resistance, to produce
CC recombinant polypeptides, and to prepare transgenic animals, as
CC experimental models. The nucleotides (also vectors containing them and
CC cells containing the vectors), the encoded polypeptides and antibodies
CC (Ab) against the polypeptide are useful for prevention and/or treatment
CC of viral infections or diseases characterized by development of tumours
CC or cell degeneration (e.g. Alzheimer's disease or schizophrenia).
CC Analysis of the expression of the nucleotides can be used for diagnosis
CC and/or prognosis of these diseases. The nucleotides and polypeptides can
CC also be used to screen for their specific interactive molecules,
CC potentially useful for treating diseases associated with abnormal
CC expression of the nucleotides.
XX
XX Sequence 17 BP; 3 A; 3 C; 7 G; 4 T; 0 U; 0 Other;
SQ
Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.9e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 897 CTCAGCTTCGCGATC 912
DB 16 CTCAGCTCAAGCGATC 1
RESULT 1456
ADB41456
ID ADB41456 standard; DNA; 17 BP.
XX
XX ADB41456;
XX
XX 18-DEC-2003 (revised)
DT 04-DEC-2003 (first entry)
XX
XX Tumour suppression/reversion associated nucleotide #1779.
DE
XX cytostatic; antiviral; neuroprotective; nootropic; neuroleptic; ss;
KW

KW primer; probe; tumour suppression; tumour reversion; apoptosis;
KW virus resistance; transgenic animals; Alzheimer's disease; schizophrenia;
XX diagnosis.
XX Homo sapiens.
OS
PN WO2003040369-A2.
XX
XX 15-MAY-2003.
XX
XX 17-SEP-2002; 2002WO-IB004219.
XX
XX 17-SEP-2001; 2001FR-00011981.
XX
XX (MOLE-) MOLECULAR ENGINES LAB.
XX
XX Telerman A, Amson R, Tuijnder M;
XX
XX MPI; 2003-441574/41.
XX
XX New nucleic acid encoding human prostate membrane-specific antigen,
PT useful e.g. for treatment of tumors and viral infection, also related
PT polypeptide and antibodies.
XX
XX Disclosure; Page 240; 77lpp; French.
XX
XX The invention relates to the isolation of 6327 nucleotide sequences,
CC fragments of at least 15 consecutive nucleotides of these nucleotides, a
CC sequence having at least 80% identity, after optimal alignment, with the
CC nucleotides, a sequence that hybridizes under stringent conditions with
CC the nucleotides, or the complement, or corresponding RNA, of the
CC nucleotides. The nucleotides are used as probes or primers for detecting,
CC identifying, quantifying and/or amplifying nucleic acids, as in vitro
CC sense and antisense sequences, of nucleotides involved in tumour
CC suppression or reversion, apoptosis and or viral resistance, to produce
CC recombinant polypeptides, and to prepare transgenic animals, as
CC experimental models. The nucleotides (also vectors containing them and
CC cells containing the vectors), the encoded polypeptides and antibodies
CC (Ab) against the polypeptide are useful for prevention and/or treatment
CC of viral infections or diseases characterized by development of tumours
CC or cell degeneration (e.g. Alzheimer's disease or schizophrenia).
CC Analysis of the expression of the nucleotides can be used for diagnosis
CC and/or prognosis of these diseases. The nucleotides and polypeptides can
CC also be used to screen for their specific interactive molecules,
CC potentially useful for treating diseases associated with abnormal
CC expression of the nucleotides.
XX
XX Sequence 17 BP; 3 A; 5 C; 3 G; 6 T; 0 U; 0 Other;
SQ
Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.9e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 800 GAGCTCTCTCCCACT 815
DB 1 GATCTCTCTTGCACT 16
RESULT 1457
ADB42400/C
ID ADB42400 standard; DNA; 17 BP.
XX
XX ADB42400;
XX
XX 18-DEC-2003 (revised)
DT 04-DEC-2003 (first entry)
XX
XX Tumour suppression/reversion associated nucleotide #2723.
DE
XX cytostatic; antiviral; neuroprotective; nootropic; neuroleptic; ss;
KW primer; probe; tumour suppression; tumour reversion; apoptosis;
KW virus resistance; transgenic animals; Alzheimer's disease; schizophrenia;
KW diagnosis.

```

XX OS Homo sapiens.
XX PD WO2003040369-A2.
XX PF 15-MAY-2003.
XX PR 17-SEP-2002; 2002WO-IB004219.
XX PA 17-SEP-2001; 2001FR-00011981.
XX PI (MOLE-) MOLECULAR ENGINES LAB.
XX PI Telerman A, Amson R, Tuijnder M;
XX DR WPI; 2003-441574/41.
XX PT New nucleic acid encoding human prostate membrane-specific antigen,
XX PT useful e.g. for treatment of tumors and viral infection, also related
XX PT polypeptide and antibodies.
XX PS Disclosure; Page 350; 771pp; French.
XX CC The invention relates to the isolation of 6327 nucleotide sequences,
XX CC fragments of at least 15 consecutive nucleotides of these nucleotides, a
XX CC sequence having at least 80% identity, after optimal alignment, with the
XX CC nucleotides, a sequence that hybridizes under stringent conditions with
XX CC the nucleotides, or the complement, or corresponding RNA, of the
XX CC nucleotides. The nucleotides are used as probes or primers for detecting,
XX CC identifying, quantifying and/or amplifying nucleic acids, as in vitro
XX CC sense and antisense sequences, of nucleotides involved in tumour
XX CC suppression or reversion, apoptosis and or viral resistance, to produce
XX CC recombinant polypeptides, and to prepare transgenic animals, as
XX CC cells containing the vectors), the encoded polypeptides and antibodies
XX CC (Ab) against the polypeptide are useful for prevention and/or treatment
XX CC of viral infections or diseases characterized by development of tumours
XX CC or cell degeneration (e.g. Alzheimer's disease or schizophrenia).
XX CC Analysis of the expression of the nucleotides can be used for diagnosis
XX CC and/or prognosis of these diseases. The nucleotides and polypeptides can
XX CC also be used to screen for their specific interactive molecules,
XX CC potentially useful for treating diseases associated with abnormal
XX CC expression of the nucleotides.
XX SQ Sequence 17 BP; 4 A; 3 C; 4 G; 5 T; 0 U; 0 Other;
Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.9e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 871 AACACTTCTCTGAGAT 886
DB 17 AACACTAGCTTGAT 2
RESULT 1458
ADB44144/c
ID ADB44144 standard; DNA; 17 BP.
XX AC ADB44144;
XX DT 18-DEC-2003 (revised)
XX DT 04-DEC-2003 (first entry)
XX DE Tumour suppression/reversion associated nucleotide #4467.
XX KW cytostatic; antiviral; neuroprotective; nootropic; neuroleptic; ss;
XX KW primer; probe; tumour suppression; tumour reversion; apoptosis;
XX KW virus resistance; transgenic animals; Alzheimer's disease; schizophrenia;
XX KW diagnosis.
XX OS Homo sapiens.

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PN WO2003040369-A2.
XX PD 15-MAY-2003.
XX PF 17-SEP-2002; 2002WO-IB004219.
XX PR 17-SEP-2001; 2001FR-00011981.
XX PA (MOLE-) MOLECULAR ENGINES LAB.
XX PI Telerman A, Amson R, Tuijnder M;
XX DR WPI; 2003-441574/41.
XX PT New nucleic acid encoding human prostate membrane-specific antigen,
XX PT useful e.g. for treatment of tumors and viral infection, also related
XX PT polypeptide and antibodies.
XX PS Disclosure; Page 554; 771pp; French.
XX CC The invention relates to the isolation of 6327 nucleotide sequences,
XX CC fragments of at least 15 consecutive nucleotides of these nucleotides, a
XX CC sequence having at least 80% identity, after optimal alignment, with the
XX CC nucleotides, a sequence that hybridizes under stringent conditions with
XX CC the nucleotides, or the complement, or corresponding RNA, of the
XX CC nucleotides. The nucleotides are used as probes or primers for detecting,
XX CC identifying, quantifying and/or amplifying nucleic acids, as in vitro
XX CC sense and antisense sequences, of nucleotides involved in tumour
XX CC suppression or reversion, apoptosis and or viral resistance, to produce
XX CC recombinant polypeptides, and to prepare transgenic animals, as
XX CC cells containing the vectors), the encoded polypeptides and antibodies
XX CC (Ab) against the polypeptide are useful for prevention and/or treatment
XX CC of viral infections or diseases characterized by development of tumours
XX CC or cell degeneration (e.g. Alzheimer's disease or schizophrenia).
XX CC Analysis of the expression of the nucleotides can be used for diagnosis
XX CC and/or prognosis of these diseases. The nucleotides and polypeptides can
XX CC also be used to screen for their specific interactive molecules,
XX CC potentially useful for treating diseases associated with abnormal
XX CC expression of the nucleotides.
XX SQ Sequence 17 BP; 7 A; 3 C; 4 G; 3 T; 0 U; 0 Other;
Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.9e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 971 TCTAAATCTGGTGTAT 986
DB 17 TCTCAATCTTGTGGAT 2
RESULT 1459
ADB42855
ID ADB42855 standard; DNA; 17 BP.
XX AC ADB42855;
XX DT 18-DEC-2003 (revised)
XX DT 04-DEC-2003 (first entry)
XX DE Tumour suppression/reversion associated nucleotide #3178.
XX KW cytostatic; antiviral; neuroprotective; nootropic; neuroleptic; ss;
XX KW primer; probe; tumour suppression; tumour reversion; apoptosis;
XX KW virus resistance; transgenic animals; Alzheimer's disease; schizophrenia;
XX KW diagnosis.
XX OS Homo sapiens.
XX PN WO2003040369-A2.
XX PD 15-MAY-2003.

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XX 17-SEP-2002; 2002WO-IB004219.
PF
XX 17-SEP-2001; 2001FR-00011981.
PR
XX (MOLE-) MOLECULAR ENGINES LAB.
PA
XX Telerman A, Amson R, Tuijnder M;
PI
XX WPI; 2003-441574/41.
DR
XX New nucleic acid encoding human prostate membrane-specific antigen,
PT useful e.g. for treatment of tumors and viral infection, also related
PT polypeptide and antibodies.
XX
PS Disclosure; Page 403; 771pp; French.
XX
CC The invention relates to the isolation of 6327 nucleotide sequences,
CC fragments of at least 15 consecutive nucleotides of these nucleotides, a
CC sequence having at least 80% identity, after optimal alignment, with the
CC nucleotides, a sequence that hybridizes under stringent conditions with
CC the nucleotides, or the complement, or corresponding RNA, of the
CC nucleotides. The nucleotides are used as probes or primers for detecting,
CC identifying, quantifying and/or amplifying nucleic acids, as in vitro
CC sense and antisense sequences, of nucleotides involved in tumour
CC suppression or reversion, apoptosis and or viral resistance, to produce
CC recombinant polypeptides, and to prepare transgenic animals, as
CC experimental models. The nucleotides (also vectors containing them and
CC cells containing the vectors), the encoded polypeptides and antibodies
CC (Ab) against the polypeptide are useful for prevention and/or treatment
CC of viral infections or diseases characterized by development of tumours
CC or cell degeneration (e.g. Alzheimer's disease or schizophrenia).
CC Analysis of the expression of the nucleotides can be used for diagnosis
CC and/or prognosis of these diseases. The nucleotides and polypeptides can
CC also be used to screen for their specific interactive molecules,
CC potentially useful for treating diseases associated with abnormal
CC expression of the nucleotides.
XX
SQ Sequence 17 BP; 2 A; 1 C; 5 G; 9 T; 0 U; 0 Other;
Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.9e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 976 ATCTGCTGTATGGCTA 991
DB 2 ATCTGCTGTATGGCTA 17
RESULT 1460
ADC03741/C
ID ADC03741 standard; DNA; 17 BP.
XX
AC ADC03741;
XX
DT 18-DEC-2003 (first entry)
XX
DE Human Na/H exchanger-like protein 1 gene oligonucleotide #188.
XX
KW ss; Gene therapy; vaccine; sodium/hydrogen exchanger like protein;
KW NHELP1; passive replacement therapy; vaccine; diagnosis.
XX
OS Homo sapiens.
XX
PN EP1273660-A2.
XX
PD 08-JAN-2003.
XX
PF 25-JAN-2002; 2002EP-00001160.
XX
PR 30-JAN-2001; 2001WO-US000666.
PR 23-MAY-2001; 2001US-00864761.
PR 21-DEC-2001; 2001US-0343331P.
XX
PA (AEOM-) AEOMICA INC.
XX
PI Gu Y;
XX
DR WPI; 2003-302724/30.
XX
PT New human sodium-hydrogen exchanger like protein 1 (NHELP1), useful as a
PT passive replacement therapy or as a vaccine for treating or preventing
PT disorders associated with aberrant expression or activity of human
PT NHELP1.
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PT NHELPI.
PS Example 2; SEQ ID NO 229; 468pp; English.
XX
XX The invention relates to a nucleic acid molecule which encodes a Na+/H+
XX exchanger like protein (NHELPI). The NHELPI nucleic acid molecule, NHELPI
XX polypeptide, an antibody against the protein or its antigen-binding
XX fragment is useful in therapy. The NHELPI nucleic acid molecule, NHELPI
XX polypeptide and an agonist are particularly useful for manufacturing a
XX medicament for treating or preventing a disorder associated with
XX decreased expression or activity of human NHELPI. The antibody or its
XX antigen-binding fragment, and an antagonist, are useful for manufacturing
XX a medicament for treating or preventing a disorder associated with
XX increased expression or activity of human NHELPI. The NHELPI nucleic acid
XX or protein is useful as passive replacement therapy, as a vaccine, or in
XX diagnostic methods. This sequence corresponds to a 17-mer oligonucleotide
XX spanning the sequence of the human NHELPI gene (ADC03514).
SQ Sequence: 17 BP; 4 A; 4 C; 3 G; 6 T; 0 U; 0 Other;

Query Match          3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.9e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 941 AATTTTACGCAAGAAG 956
DB 17 AGTTTCATGCAAGAAG 2

RESULT 1462
ADC03743/c
ID ADC03743 standard; DNA; 17 BP.
XX
XX ADC03743;
XX
XX 18-DEC-2003 (first entry)
XX
XX Human Na/H exchanger-like protein 1 gene oligonucleotide #190.
XX
XX ss; gene therapy; vaccine; sodium/hydrogen exchanger like protein;
XX NHELPI; passive replacement therapy; vaccine; diagnosis.
XX
XX Homo sapiens.
XX
XX EP1273660-A2.
XX
XX 08-JAN-2003.
XX
XX 25-JAN-2002; 2002EP-00001160.
XX
XX 30-JAN-2001; 2001WO-US000666.
XX
XX 23-MAY-2001; 2001US-00864761.
XX
XX 21-DEC-2001; 2001US-0343331P.
XX
XX (AEOM-) AEOMICA INC.
XX
XX Gu Y;
XX
XX WPI; 2003-302724/30.
XX
XX New human sodium-hydrogen exchanger like protein 1 (NHELPI), useful as a
XX passive replacement therapy or as a vaccine for treating or preventing
XX disorders associated with aberrant expression or activity of human
XX NHELPI.
XX
XX Example 2; SEQ ID NO 230; 468pp; English.
XX
XX The invention relates to a nucleic acid molecule which encodes a Na+/H+
XX exchanger like protein (NHELPI). The NHELPI nucleic acid molecule, NHELPI
XX polypeptide, an antibody against the protein or its antigen-binding
XX fragment is useful in therapy. The NHELPI nucleic acid molecule, NHELPI
XX polypeptide and an agonist are particularly useful for manufacturing a
XX medicament for treating or preventing a disorder associated with

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```

CC decreased expression or activity of human NHELPI. The antibody or its
CC antigen-binding fragment, and an antagonist, are useful for manufacturing
CC a medicament for treating or preventing a disorder associated with
CC increased expression or activity of human NHELPI. The NHELPI nucleic acid
CC or protein is useful as passive replacement therapy, as a vaccine, or in
CC diagnostic methods. This sequence corresponds to a 17-mer oligonucleotide
CC spanning the sequence of the human NHELPI gene (ADC03514).
XX
SQ Sequence 17 BP; 4 A; 4 C; 3 G; 6 T; 0 U; 0 Other;

Query Match          3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.9e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 941 AATTTTACGCAAGAAG 956
DB 16 AGTTTCATGCAAGAAG 1

RESULT 1463
ADC03740/c
ID ADC03740 standard; DNA; 17 BP.
XX
XX ADC03740;
XX
XX 18-DEC-2003 (first entry)
XX
XX Human Na/H exchanger-like protein 1 gene oligonucleotide #187.
XX
XX ss; gene therapy; vaccine; sodium/hydrogen exchanger like protein;
XX NHELPI; passive replacement therapy; vaccine; diagnosis.
XX
XX Homo sapiens.
XX
XX EP1273660-A2.
XX
XX 08-JAN-2003.
XX
XX 25-JAN-2002; 2002EP-00001160.
XX
XX 30-JAN-2001; 2001WO-US000666.
XX
XX 23-MAY-2001; 2001US-00864761.
XX
XX 21-DEC-2001; 2001US-0343331P.
XX
XX (AEOM-) AEOMICA INC.
XX
XX Gu Y;
XX
XX WPI; 2003-302724/30.
XX
XX New human sodium-hydrogen exchanger like protein 1 (NHELPI), useful as a
XX passive replacement therapy or as a vaccine for treating or preventing
XX disorders associated with aberrant expression or activity of human
XX NHELPI.
XX
XX Example 2; SEQ ID NO 227; 468pp; English.
XX
XX The invention relates to a nucleic acid molecule which encodes a Na+/H+
XX exchanger like protein (NHELPI). The NHELPI nucleic acid molecule, NHELPI
XX polypeptide, an antibody against the protein or its antigen-binding
XX fragment is useful in therapy. The NHELPI nucleic acid molecule, NHELPI
XX polypeptide and an agonist are particularly useful for manufacturing a
XX medicament for treating or preventing a disorder associated with
XX decreased expression or activity of human NHELPI. The antibody or its
XX antigen-binding fragment, and an antagonist, are useful for manufacturing
XX a medicament for treating or preventing a disorder associated with
XX increased expression or activity of human NHELPI. The NHELPI nucleic acid
XX or protein is useful as passive replacement therapy, as a vaccine, or in
XX diagnostic methods. This sequence corresponds to a 17-mer oligonucleotide
XX spanning the sequence of the human NHELPI gene (ADC03514).
XX
XX Sequence 17 BP; 4 A; 5 C; 3 G; 5 T; 0 U; 0 Other;

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Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.9e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 943 TTTTACGCAAGAGAG 958
DB 17 TTTTCATGCAAGAGCG 2

RESULT 1464
ADC37897
ID ADC37897 standard; DNA; 17 BP.
XX
AC ADC37897;
XX
DT 18-DEC-2003 (first entry)
XX
DE Human AMLP1a scanning 17-mer oligonucleotide SEQ ID NO:246.
XX
KW human; angiominotin-like protein 1; AMLP1; cytostatic; gene therapy;
KW AMLP1a; ss.
XX
OS Synthetic.
OS Homo sapiens.
XX
PN WO2003037931-A2.
XX
PD 08-MAY-2003.
XX
PF 01-NOV-2002; 2002WO-US035129.
XX
PR 01-NOV-2001; 2001US-0334773P.
XX
PA (AMSH) AMERSHAM BIOSCIENCES SV CORP.
XX
PI Shannon M, Phan T;
XX
WPI; 2003-430501/40.
XX
PT New isolated nucleic acid molecule encoding a human angiominotin-like
PT protein, useful for treating or preventing a disorder associated with
PT decreased or increased expression or activity of AMLP1.
XX
PS Example 2; SEQ ID NO 246; 172pp; English.
XX
SQ Sequence 17 BP; 3 A; 4 C; 8 G; 2 T; 0 U; 0 Other;

Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.9e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 777 GAGGGGAGGCGCCCTG 792
DB 1 GAGGGGAGGCGCCACTG 16

RESULT 1465
ADC37894
ID ADC37894 standard; DNA; 17 BP.
XX
AC ADC37894;
XX
DT 18-DEC-2003 (first entry)
XX

DE Human AMLP1a scanning 17-mer oligonucleotide SEQ ID NO:243.
XX
KW human; angiominotin-like protein 1; AMLP1; cytostatic; gene therapy;
KW AMLP1a; ss.
XX
OS Synthetic.
OS Homo sapiens.
XX
PN WO2003037931-A2.
XX
PD 08-MAY-2003.
XX
PF 01-NOV-2002; 2002WO-US035129.
XX
PR 01-NOV-2001; 2001US-0334773P.
XX
PA (AMSH) AMERSHAM BIOSCIENCES SV CORP.
XX
PI Shannon M, Phan T;
XX
WPI; 2003-430501/40.
XX
PT New isolated nucleic acid molecule encoding a human angiominotin-like
PT protein, useful for treating or preventing a disorder associated with
PT decreased or increased expression or activity of AMLP1.
XX
PS Example 2; SEQ ID NO 243; 172pp; English.
XX
SQ Sequence 17 BP; 4 A; 5 C; 7 G; 1 T; 0 U; 0 Other;

Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.9e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 775 CTGAGGGGAGGCGCCCTC 790
DB 2 CTGAGGGGAGGCGCCAC 17

RESULT 1466
ADB44493/C
ID ADB44493 standard; DNA; 17 BP.
XX
AC ADB44493;
XX
DT 18-DEC-2003 (first entry)
XX
DE Tumour suppression/reversion associated nucleotide #4816.
XX
KW cytostatic; antiviral; neuroprotective; nootropic; neuroleptic; ss;
KW primer; probe; tumour suppression; tumour reversion; apoptosis;
KW virus resistance; transgenic animals; Alzheimer's disease; schizophrenia;
KW diagnosis.
XX
OS Homo sapiens.
XX
PN WO2003040369-A2.
XX
PD 15-MAY-2003.
XX
PF 17-SEP-2002; 2002WO-IB004219.
XX
PR 17-SEP-2001; 2001PR-00011981.
XX

PA (MOLE-) MOLECULAR ENGINES LAB.
 XX
 PI Telerman A, Amson R, Tuijnder M;
 XX
 DR WPI; 2003-441574/41.
 XX
 PT New nucleic acid encoding human prostate membrane-specific antigen,
 PT useful e.g. for treatment of tumors and viral infection, also related
 PT polypeptide and antibodies.
 XX
 PS Disclosure; Page 595; 771pp; French.
 XX
 CC The invention relates to the isolation of 6327 nucleotide sequences,
 CC fragments of at least 15 consecutive nucleotides of these nucleotides, a
 CC sequence having at least 80% identity, after optimal alignment, with the
 CC nucleotides, a sequence that hybridizes under stringent conditions with
 CC the nucleotides, or the complement, or corresponding RNA, of the
 CC nucleotides. The nucleotides are used as probes or primers for detecting,
 CC identifying, quantifying and/or amplifying nucleic acids, as in vitro
 CC sense and antisense sequences, of nucleotides involved in tumour
 CC suppression or reversion, apoptosis and or viral resistance, to produce
 CC recombinant polypeptides, and to prepare transgenic animals, as
 CC experimental models. The nucleotides (also vectors containing them and
 CC cells containing the vectors), the encoded polypeptides and antibodies
 CC (Ab) against the polypeptide are useful for prevention and/or treatment
 CC of viral infections or diseases characterized by development of tumours
 CC or cell degeneration (e.g. Alzheimer's disease or schizophrenia).
 CC Analysis of the expression of the nucleotides can be used for diagnosis
 CC and/or prognosis of these diseases. The nucleotides and polypeptides can
 CC also be used to screen for their specific interactive molecules,
 CC potentially useful for treating diseases associated with abnormal
 CC expression of the nucleotides.
 XX
 SQ Sequence 17 BP; 4 A; 1 C; 6 G; 6 T; 0 U; 0 Other;
 Query Match 3.9%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 7.9e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
 QY 967 ACTCTTAATCTGGT 982
 DB |||||
 17 ACTCACCACCAATCTGAT 2
 RESULT 1467
 ADB45944
 ID ADB45944 standard; DNA; 17 BP.
 AC ADB45944;
 XX
 DT 18-DEC-2003 (first entry)
 XX
 DE Tumour suppression/reversion associated nucleotide #6267.
 XX
 KW cytostatic; antiviral; neuroprotective; nootropic; neuroleptic; ss;
 KW primer; probe; tumour suppression; tumour reversion; apoptosis;
 KW virus resistance; transgenic animals; Alzheimer's disease; schizophrenia;
 KW diagnosis.
 XX
 OS Homo sapiens.
 XX
 FN WO2003040369-A2.
 XX
 PD 15-MAY-2003.
 XX
 PF 17-SEP-2002; 2002WO-IB004219.
 XX
 PR 17-SEP-2001; 2001FR-00011981.
 XX
 PA (MOLE-) MOLECULAR ENGINES LAB.
 XX
 PI Telerman A, Amson R, Tuijnder M;
 XX
 PT New nucleic acid encoding human prostate membrane-specific antigen,
 PT useful e.g. for treatment of tumors and viral infection, also related

DR WPI; 2003-441574/41.
 XX
 PT New nucleic acid encoding human prostate membrane-specific antigen, a
 PT useful e.g. for treatment of tumors and viral infection, also related
 PT polypeptide and antibodies.
 XX
 PS Disclosure; Page 764; 771pp; French.
 XX
 CC The invention relates to the isolation of 6327 nucleotide sequences,
 CC fragments of at least 15 consecutive nucleotides of these nucleotides, a
 CC sequence having at least 80% identity, after optimal alignment, with the
 CC nucleotides, a sequence that hybridizes under stringent conditions with
 CC the nucleotides, or the complement, or corresponding RNA, of the
 CC nucleotides. The nucleotides are used as probes or primers for detecting,
 CC identifying, quantifying and/or amplifying nucleic acids, as in vitro
 CC sense and antisense sequences, of nucleotides involved in tumour
 CC suppression or reversion, apoptosis and or viral resistance, to produce
 CC recombinant polypeptides, and to prepare transgenic animals, as
 CC experimental models. The nucleotides (also vectors containing them and
 CC cells containing the vectors), the encoded polypeptides and antibodies
 CC (Ab) against the polypeptide are useful for prevention and/or treatment
 CC of viral infections or diseases characterized by development of tumours
 CC or cell degeneration (e.g. Alzheimer's disease or schizophrenia).
 CC Analysis of the expression of the nucleotides can be used for diagnosis
 CC and/or prognosis of these diseases. The nucleotides and polypeptides can
 CC also be used to screen for their specific interactive molecules,
 CC potentially useful for treating diseases associated with abnormal
 CC expression of the nucleotides.
 XX
 SQ Sequence 17 BP; 5 A; 8 C; 1 G; 3 T; 0 U; 0 Other;
 Query Match 3.9%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 7.9e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
 QY 914 GATTATCATCACCACC 929
 DB |||||
 1 GATCACTCACCACC 16
 RESULT 1468
 ADB44448/C
 ID ADB44448 standard; DNA; 17 BP.
 AC ADB44448;
 XX
 DT 18-DEC-2003 (first entry)
 XX
 DE Tumour suppression/reversion associated nucleotide #4771.
 XX
 KW cytostatic; antiviral; neuroprotective; nootropic; neuroleptic; ss;
 KW primer; probe; tumour suppression; tumour reversion; apoptosis;
 KW virus resistance; transgenic animals; Alzheimer's disease; schizophrenia;
 KW diagnosis.
 XX
 OS Homo sapiens.
 XX
 FN WO2003040369-A2.
 XX
 PD 15-MAY-2003.
 XX
 PF 17-SEP-2002; 2002WO-IB004219.
 XX
 PR 17-SEP-2001; 2001FR-00011981.
 XX
 PA (MOLE-) MOLECULAR ENGINES LAB.
 XX
 PI Telerman A, Amson R, Tuijnder M;
 XX
 DR WPI; 2003-441574/41.
 XX
 PT New nucleic acid encoding human prostate membrane-specific antigen,
 PT useful e.g. for treatment of tumors and viral infection, also related

PT polypeptide and antibodies.
XX
PS Disclosure; Page 589; 77lpp; French.
XX
CC The invention relates to the isolation of 6327 nucleotide sequences, fragments of at least 15 consecutive nucleotides of these nucleotides, a sequence having at least 80% identity, after optimal alignment, with the nucleotides, a sequence that hybridizes under stringent conditions with the nucleotides, or the complement, or corresponding RNA, of the nucleotides. The nucleotides are used as probes or primers for detecting, identifying, quantifying and/or amplifying nucleic acids, as in vitro sense and antisense sequences, of nucleotides involved in tumour suppression or reversion, apoptosis and or viral resistance, to produce recombinant polypeptides, and to prepare transgenic animals, as experimental models. The nucleotides (also vectors containing them and cells containing the vectors), the encoded polypeptides and antibodies (Ab) against the polypeptide are useful for prevention and/or treatment of viral infections or diseases characterized by development of tumours or cell degeneration (e.g. Alzheimer's disease or schizophrenia).
CC Analysis of the expression of the nucleotides can be used for diagnosis and/or prognosis of these diseases. The nucleotides and polypeptides can also be used to screen for their specific interactive molecules.
CC potentially useful for treating diseases associated with abnormal expression of the nucleotides.
XX
XX
SQ Sequence 17 BP; 2 A; 7 C; 4 G; 4 T; 0 U; 0 Other;
Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.9e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 775 CTGAGGCGAGCCCTC 790
DB 16 CTGAGGCGAGCAGATC 1
RESULT 1469
AAD59794
ID AAD59794 standard; DNA; 17 BP.
AC AAD59794;
XX
XX
DT 18-DEC-2003 (first entry)
XX
DE Guinea pig integrin cell surface receptor beta 6 subunit DNA #2.
XX
XX Guinea pig; alpha nu beta 6 integrin; integrin cell surface receptor; detection; gene; ds.
XX
XX Cavia sp.
XX
XX Key Location/Qualifiers
FH 1. .17
FT CDS /*tag= a
FT FT /product= "Human integrin cell surface receptor beta subunit protein"
FT FT /note= "No start and stop codon"
FT FT /partial
XX
XX US6576432-B1.
PN
XX
XX 10-JUN-2003.
XX
XX 06-FEB-2002; 2002US-00072844.
PF
XX
XX 11-JUL-1991; 91US-00728215.
PR
XX 26-SEP-1997; 97US-00938085.
PR
XX 08-JUN-2000; 2000US-00591543.
XX
XX (REGC) UNIV CALIFORNIA.
PA
XX Sheppard D, Pytela R;
PI
XX

DR WPI; 2003-656105/62.
XX
XX Detecting a ligand that binds alpha-nu beta-6 integrin comprises contacting the integrin with a mixture containing ligand suspected of binding the alpha-nu beta-6 integrin and detecting presence of ligand bound to the integrin.
XX
XX Example 1; Fig 1B; Sipp; English.
XX
XX The present invention relates to a novel method of detecting a ligand that binds an alpha nu beta 6 integrin. The method involves contacting an alpha nu beta 6 integrin with a mixture containing a ligand suspected of binding the alpha nu beta6 integrin and detecting the presence of the ligand bound to the alpha nu beta6 integrin. The method is useful for detecting a ligand that binds an alpha nu beta6 integrin. The present sequence is Guinea pig integrin cell surface receptor beta 6 subunit DNA used in the exemplification of the invention
XX
XX SQ Sequence 17 BP; 5 A; 6 C; 4 G; 2 T; 0 U; 0 Other;
Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.9e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 838 CTTCTCTGAAGACAGC 853
DB 1 CATCTCGAAGACGGC 16
RESULT 1470
ADD42044/C
ID ADD42044 standard; DNA; 17 BP.
XX
XX AC ADD42044;
XX
XX
DT 15-JAN-2004 (first entry)
XX
XX Rice acetolactate synthase related oligonucleotide 4-83-1 SEQ ID NO:25.
DE ss; rice; acetolactate synthase; ALS; pyrimidinyl carboxy herbicide; herbicide-resistance; herbicide.
XX
XX Synthetic.
XX
XX WO2003083118-A1.
PN
XX
PD 09-OCT-2003.
XX
XX 21-FEB-2003; 2003WO-JP001917.
PF
XX
XX 29-MAR-2002; 2002JP-00095721.
PR
XX
XX (TSUB) KUMIAI CHEM IND CO LTD.
PA (NAG-) NAT INST AGROBIOLOGICAL SCI.
XX
XX Kaku K, Shimizu T, Kawai K, Nagayama K, Fukuda A, Tanaka Y;
PI
XX WPI; 2003-902935/82.
DR
XX
XX Genes of rice origin encoding pyrimidinyl carboxy herbicide resistant acetolactate synthase for production of herbicide resistant strains or rice and other plants.
PT
XX
XX Example 4; SEQ ID NO 25; 96pp; Japanese.
PS
XX
XX The invention relates to novel mutant forms of the rice acetolactate synthase (ALS) gene encoding ALS resistant to pyrimidinyl carboxy herbicides. Plants which may be transformed with the mutant gene include rice, and also maize, barley, wheat, soya, cotton and tobacco. The mutant gene may be useful in the production of herbicide-resistant plants which can be cultivated in the presence of the herbicide. The present sequence is used in the exemplification of the invention.
CC
XX

SQ Sequence 17 BP; 3 A; 0 C; 9 G; 5 T; 0 U; 0 Other;
 Query Match 3.9%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 7.9e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 920 CATCACCACCACTC 935
 DB 17 CATCACCACCACTC 2

RESULT 1471
 ADE25265
 ID ADE25265 standard; DNA; 17 BP.
 AC ADE25265;
 XX
 DT 29-JAN-2004 (first entry)
 XX
 DE Plant growth associated polynucleotide seq id 240.
 XX
 KW Plant growth; plant growth trait modulation; Brassicaceae; Arabidopsis;
 KW Brassica; Zea; Oryza; Triticum; Hordeum; Lolium; Sorghum; Glycine;
 KW Medicago; Helianthus; Lactuca; Beta; Vitis; Solanum; Lycopersicon;
 KW Capsicum; Gossypium; Hevea; Linum; Prunus; Citrus; Populus; Pinus;
 KW Quercus; ss.
 XX
 OS Magnoliophyta.
 XX
 PN US2003188343-A1.
 XX
 PD 02-OCT-2003.
 XX
 PF 07-JAN-2003; 2003US-00338777.
 XX
 PR 09-JAN-2002; 2002US-0347288P.
 XX
 PA (LYNX-) LYNX THERAPEUTICS INC.
 XX
 PI Bowen BA, Haudenschild CD, Buckler BS;
 XX
 PS WPI; 2003-803305/75.
 XX
 PT New isolated or recombinant polypeptide for use in modulating a plant
 PT growth trait in a flowering plant e.g. in Arabidopsis, Brassica, Zea, or
 PT Oryza.
 XX
 PS Example 2; SEQ ID NO 240; 81pp; English.
 XX
 CC The invention describes an isolated or recombinant polypeptide (I)
 CC comprising a sequence: (a) comprising 1 of 30 sequences (S1), as given in
 CC the specification, or a conservative variant; (b) encoded by 1 of 30
 CC sequences (S2), as given in the specification, or a conservative variant;
 CC (c) encoded by a sequence that hybridises under stringent conditions to
 CC S2; and (d) encoded by a sequence 70 % identical to S2. The expression or
 CC activity of (I) is modulated to modulate a plant growth trait in a
 CC flowering plant, of the family Brassicaceae, preferably in a plant that
 CC is Arabidopsis, Brassica, Zea, Oryza, Triticum, Hordeum, Lolium, Sorghum,
 CC Glycine, Medicago, Helianthus, Lactuca, Beta, Vitis, Solanum,
 CC Lycopersicon, Capsicum, Gossypium, Hevea, Linum, Prunus, Citrus, Populus,
 CC Pinus, or Quercus. A new method is used to detect genes for a plant
 CC growth trait. This sequence represents a polynucleotide isolated from the
 CC plant growth associated genes of the invention that can be used as a
 CC primer, probe or genetic marker.
 XX
 SQ Sequence 17 BP; 7 A; 6 C; 1 G; 3 T; 0 U; 0 Other;
 Query Match 3.9%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 7.9e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 918 ATCATCACCACCACTC 933
 DB 17 ATCATCACCACCACTC 2

RESULT 1472
 ADE25265
 ID ADE25265 standard; DNA; 17 BP.
 AC ADE25265;
 XX
 DT 29-JAN-2004 (first entry)
 XX
 DE Mouse HUI77/HUIV26 antibody related PCR primer SeqID198.
 XX
 KW grafted antibody; complementarity determining region; CDR; light CDR;
 KW heavy CDR; cryptic collagen epitope; solid tumour;
 KW new blood vessel growth; angiogenesis; tumour growth; cytostatic;
 KW collagen agonist; collagen antagonist; cancer metastasis;
 KW anti-cryptic collagen; HUI77; HUIV26; mouse; murine; PCR; primer; ss;
 KW heavy chain.
 XX
 OS Mus musculus.
 XX
 PN WO2003046204-A2.
 XX
 PD 05-JUN-2003.
 XX
 PF 26-NOV-2002; 2002WO-US038147.
 XX
 PR 26-NOV-2001; 2001US-00995529.
 XX
 PR 06-DEC-2001; 2001US-00011250.
 XX
 PA (CELL-) CELL MATRIX INC.
 XX
 PI Watking JD, Huse WD, Tang Y, Broek D, Brooks PC;
 XX
 PS WPI; 2003-513649/48.
 XX
 PT New cryptic collagen antibody with one or more complementarity
 PT determining regions, useful for diagnosing and treating disorders
 PT associated with angiogenesis, tumor growth and/or cancer metastasis.
 XX
 PS Example 1; SEQ ID NO 198; 232pp; English.
 XX
 CC This invention relates to a novel grafted antibody or its functional
 CC fragment comprising one or more complementarity determining regions
 CC (CDRs) of a defined light CDR and a heavy CDR with at least one amino
 CC acid (aa) substitution where the antibody has specific binding activity
 CC for a cryptic collagen epitope. The growth of all solid tumours requires
 CC new blood vessel growth, angiogenesis, inhibition of which is an approach
 CC to limiting tumour growth. The invention may allow development of
 CC therapeutics with a cytostatic activity as a collagen agonist or
 CC antagonist. The invention is useful for diagnosing and treating disorders
 CC associated with angiogenesis, tumour growth and/or cancer metastasis. The
 CC present sequence is that of a mutagenic PCR primer for amplification of
 CC the sequence encoding the heavy chain of mouse HUI77 or HUIV26 antibodies
 CC and used in the exemplification of the invention.
 XX
 SQ Sequence 17 BP; 0 A; 3 C; 2 G; 11 T; 0 U; 1 Other;
 Query Match 3.9%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 7.9e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 822 TGGCTGTGCTCTTTT 837
 DB 1 TGGCTGTGCTCTTTT 16

RESULT 1473
 ADE30700
 ID ADE30700 standard; DNA; 17 BP.
 XX
 AC ADE30700;

XX 29-JAN-2004 (first entry)
XX Cholesterol homeostasis/adipogenesis related DNA seq id 87.
XX expression vector; anorectic; antiarteriosclerotic; cardiant;
XX antidiabetic; elevated cholesterol; elevated lipid; adipogenesis;
KW obesity; atherosclerosis; diabetes mellitus;
KW coronary artery heart disease; cholesterol homeostasis; ss;
XX differential expression.
XX Homo sapiens.
XX OS
XX US2003180764-A1.
XX 25-SEP-2003.
XX 08-JAN-2003; 2003US-00339793.
XX 09-JAN-2002; 2002US-0347286P.
XX (LYNX-) LYNX THERAPEUTICS INC.
XX Shang J, Bowen B;
XX WPI; 2003-830986/77.
XX Polynucleotides differentially regulated in response to cholesterol and
XX adipogenesis are useful to detect and treat associated conditions such as
XX PT obesity, atherosclerosis, diabetes mellitus and coronary artery heart
XX disease.
XX Claim 8; SEQ ID NO 87; 59pp; English.
XX The invention describes a composition comprising at least one expression
XX vector comprising a polynucleotide of the invention. The composition has
XX anorectic, antiarteriosclerotic, cardiant and antidiabetic properties.
XX The invention is used to detect and treat conditions associated with
XX elevated cholesterol and lipid or during adipogenesis, particularly
XX obesity, atherosclerosis, diabetes mellitus or coronary artery heart
XX disease. This sequence represents a polynucleotide differentially
XX expressed during cholesterol homeostasis and adipogenesis.
XX
XX Sequence 17 BP; 2 A; 13 C; 1 G; 1 T; 0 U; 0 Other;
Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.9e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 921 ATCACCACCCCTCC 936
DB 2 ATCCCCACCCCCCCC 17
RESULT 1474
AAZ41002/C
ID AAZ41002 standard; DNA; 18 BP.
XX AAZ41002;
XX 26-JAN-2000 (first entry)
XX Human RhoC phosphorothioate antisense oligonucleotide SEQ ID NO:154.
XX Identification; genetic target; gene modulation; human; probe;
KW antisense oligonucleotide; phosphorothioate; PCR primer;
KW nucleotide sequence-based technology; antisense drug discovery;
KW target validation; ss.
XX Synthetic.
XX OS
XX Homo sapiens.
XX WO9953101-A1.
XX PN

XX 21-OCT-1999.
XX 13-APR-1999; 99WO-US008268.
XX 13-APR-1998; 98US-0081483P.
XX 28-APR-1998; 98US-00067638.
XX (ISIS-) ISIS PHARM INC.
XX Cowser LM, Baker BP, Mcneil J, Freier SM, Sasmor HM, Brooks DG;
XX Ohasi C, Wyatt JR, Borchers AH, Vickers TA;
XX WPI; 1999-620446/53.
XX Identifying compounds which modulate expression of nucleic acids, used to
XX provide compounds having defined physical, chemical or bioactive
XX properties, e.g. antisense activity.
XX Example 18; Page 97; 264pp; English.
XX A method has been developed of defining a set of compounds that modulate
XX the expression of a target nucleic acid (tNA) sequence via binding of the
XX compounds with the tNA sequence. The method comprises generating a
XX library of virtual compounds in silico according to defined criteria, and
XX evaluating in silico the binding of the virtual compounds with the tNA
XX according to defined criteria. Also described are: (1) a method of
XX defining a set of oligonucleotides (ONS) that modulate the expression of
XX a tNA sequence via binding of the ONS with the tNA sequence comprising
XX generating a library of virtual compounds in silico according to defined
XX criteria, and evaluating in silico the binding of the virtual ONS with
XX the tNA according to defined criteria; and (2) a method of defining a set
XX of compounds that modulate the expression of a tNA sequence via binding
XX of the compounds with the tNA. The methods can be used for the generation
XX and identification of synthetic compounds having defined physical, chemical
XX or bioactive properties. Information gathered from assays of
XX such compounds is used to identify nucleic acid sequences that are
XX tractable to a variety of nucleotide sequence-based technologies, e.g.
XX antisense drug discovery and target validation. AAZ40852 to AAZ41220, and
XX AA52701 to AA52706, represent sequences used in the exemplification of
XX the present invention
XX
XX Sequence 18 BP; 4 A; 5 C; 4 G; 5 T; 0 U; 0 Other;
Query Match 3.9%; Score 11.2; DB 1; Length 18;
Best Local Similarity 81.2%; Pred. No. 8.4e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 712 TCCACGAGAGTGACT 727
DB 16 TCACAGGAAGTGCTCT 1
RESULT 1475
AAF94723/C
ID AAF94723 standard; DNA; 18 BP.
XX AAF94723;
XX 23-MAY-2001 (first entry)
XX Rho C antisense phosphorothioate oligonucleotide SEQ ID 147.
XX Rho; GTP binding protein; phosphorothioate antisense oligonucleotide;
KW RhoA; RhoB; RhoC; Rac 1; cdc42; hyperproliferative condition;
KW cancer; wound healing; clotting; ischaemia; reperfusion; reoxygenation;
KW ss.
XX Homo sapiens.
XX OS
XX WO200115739-A1.
XX 08-MAR-2001.
XX PN

XX 18-AUG-2000; 2000WO-US022808.
XX PF
XX PR 31-AUG-1999; 99US-00387341.
XX PA (ISIS-) ISIS PHARM INC.
XX PI Roberts ML, Cowser LM;
XX WPI; 2001-191677/19.
XX
XX An antisense compound targeted to a nucleic acid molecule encoding a
XX member of the human Rho family of small GTP binding proteins useful for
XX treating e.g. cancer and ischemia.
XX
XX Example 16; Page 73; 156pp; English.
XX
XX This invention relates to an antisense compound targeted to a nucleic
XX acid molecule encoding a member of the human Rho family of small GTP
XX binding proteins, where the antisense compound inhibits the expression of
XX the member of the human Rho family. The invention includes antisense
XX oligonucleotides AAF94580 - AAF94637 which target a RhoA nucleotide
XX sequence, AAF94645 - AAF94684 which target a RhoB nucleotide sequence,
XX AAF94686 - AAF94725 which target a RhoC nucleotide sequence, AAF94727 -
XX AAF94766 which target RhoG nucleotide sequence, AAF94769 - AAF94790 which
XX target a Rac 1 nucleotide sequence and AAF94795 - AAF94809 which target
XX cdc42 nucleotide sequence. The antisense compound is useful for treating
XX hyperproliferative conditions, especially cancer, abnormal wound healing
XX or clotting conditions and ischaemia/reperfusion or reoxygenation injury.
XX The compound may also be used to diagnose the above conditions
XX
XX Sequence 18 BP; 4 A; 5 C; 4 G; 5 T; 0 U; 0 Other;
XX
XX Query Match 3.9%; Score 11.2; DB 1; Length 18;
XX Best Local Similarity 81.2%; Pred. No. 8.4e-02;
XX Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
XX
XX 712 TCCGAGAGTCACT 727
XX 16 TCACGAAAGTCT 1
XX
XX Search completed: July 12, 2004, 10:27:28
XX Job time : 13 secs

| | | | | | | | | | | | | | |
|-------|------|-----|----|---|---------------------|-------------------|-------|------|-----|----|---|---------------------|--------------------|
| C 107 | 13 | 4.5 | 18 | 1 | US-09-357-072-44 | Sequence 44, Appl | C 180 | 12.2 | 4.2 | 17 | 1 | US-09-371-772B-5477 | Sequence 5477, Ap |
| C 108 | 13 | 4.5 | 18 | 1 | US-09-630-706-75 | Sequence 75, Appl | C 181 | 12.2 | 4.2 | 17 | 1 | US-09-371-772B-6672 | Sequence 6672, Ap |
| C 109 | 13 | 4.5 | 20 | 1 | US-07-767-135-18 | Sequence 18, Appl | C 182 | 12.2 | 4.2 | 17 | 1 | US-09-476-387-818 | Sequence 818, Appl |
| C 110 | 13 | 4.5 | 20 | 1 | US-07-841-652-9 | Sequence 9, Appl | C 183 | 12.2 | 4.2 | 17 | 1 | US-09-686-597-23 | Sequence 23, Appl |
| C 111 | 13 | 4.5 | 20 | 1 | US-08-951-718-7 | Sequence 7, Appl | C 184 | 12.2 | 4.2 | 17 | 1 | US-09-837-998-426 | Sequence 426, Appl |
| C 112 | 13 | 4.5 | 20 | 1 | US-09-572-423B-20 | Sequence 20, Appl | C 185 | 12.2 | 4.2 | 17 | 1 | US-09-837-998-427 | Sequence 427, Appl |
| C 113 | 13 | 4.5 | 20 | 1 | US-09-733-294A-20 | Sequence 20, Appl | C 186 | 12.2 | 4.2 | 17 | 1 | US-09-866-108A-226 | Sequence 226, Appl |
| C 114 | 12.8 | 4.4 | 17 | 1 | US-08-092-215-7 | Sequence 7, Appl | C 187 | 12.2 | 4.2 | 17 | 1 | US-09-866-108A-229 | Sequence 229, Appl |
| C 115 | 12.8 | 4.4 | 17 | 1 | US-08-390-850-16 | Sequence 16, Appl | C 188 | 12.2 | 4.2 | 17 | 1 | US-09-866-108A-661 | Sequence 661, Appl |
| C 116 | 12.8 | 4.4 | 17 | 1 | US-08-373-124A-1359 | Sequence 1359, Ap | C 189 | 12.2 | 4.2 | 17 | 1 | US-09-866-108A-662 | Sequence 662, Appl |
| C 117 | 12.8 | 4.4 | 17 | 1 | US-08-435-634-16 | Sequence 16, Appl | C 190 | 12.2 | 4.2 | 17 | 1 | US-09-866-108A-1613 | Sequence 1613, Ap |
| C 118 | 12.8 | 4.4 | 17 | 1 | US-08-435-628-1359 | Sequence 1359, Ap | C 191 | 12.2 | 4.2 | 17 | 1 | US-09-866-108A-6048 | Sequence 6048, Ap |
| C 119 | 12.8 | 4.4 | 17 | 1 | US-09-371-772B-6327 | Sequence 6327, Ap | C 192 | 12.2 | 4.2 | 17 | 1 | US-09-866-108A-6049 | Sequence 6049, Ap |
| C 120 | 12.8 | 4.4 | 17 | 1 | US-09-866-108A-227 | Sequence 227, App | C 193 | 12.2 | 4.2 | 17 | 1 | US-09-866-108A-6101 | Sequence 6101, Ap |
| C 121 | 12.8 | 4.4 | 17 | 1 | US-09-866-108A-228 | Sequence 228, App | C 194 | 12.2 | 4.2 | 17 | 1 | US-09-866-108A-7390 | Sequence 7390, Ap |
| C 122 | 12.8 | 4.4 | 17 | 1 | US-09-866-108A-6096 | Sequence 6096, Ap | C 195 | 12.2 | 4.2 | 17 | 1 | US-09-866-108A-7392 | Sequence 7392, Ap |
| C 123 | 12.8 | 4.4 | 17 | 1 | US-09-866-108A-6097 | Sequence 6097, Ap | C 196 | 12.2 | 4.2 | 17 | 1 | US-09-866-108A-7393 | Sequence 7393, Ap |
| C 124 | 12.8 | 4.4 | 18 | 1 | US-09-339-775-28 | Sequence 28, Appl | C 197 | 12.2 | 4.2 | 17 | 1 | US-09-866-108A-7664 | Sequence 7664, Ap |
| C 125 | 12.8 | 4.4 | 18 | 1 | US-09-289-466-23 | Sequence 23, Appl | C 198 | 12.2 | 4.2 | 17 | 1 | US-09-866-108A-7665 | Sequence 7665, Ap |
| C 126 | 12.8 | 4.4 | 18 | 1 | US-09-251-645-21 | Sequence 21, Appl | C 199 | 12.2 | 4.2 | 17 | 1 | US-09-866-108A-7666 | Sequence 7666, Ap |
| C 127 | 12.8 | 4.4 | 18 | 1 | US-09-026-601-26 | Sequence 26, Appl | C 200 | 12.2 | 4.2 | 17 | 1 | US-09-866-108A-8904 | Sequence 8904, Ap |
| C 128 | 12.8 | 4.4 | 18 | 1 | US-09-422-978-8157 | Sequence 8157, Ap | C 201 | 12.2 | 4.2 | 17 | 1 | US-09-866-108A-8908 | Sequence 8908, Ap |
| C 129 | 12.8 | 4.4 | 18 | 1 | US-09-495-714C-122 | Sequence 122, App | C 202 | 12.2 | 4.2 | 17 | 1 | US-09-866-108A-8909 | Sequence 8909, Ap |
| C 130 | 12.8 | 4.4 | 19 | 1 | US-08-348-548-107 | Sequence 107, App | C 203 | 12.2 | 4.2 | 17 | 1 | US-09-866-108A-8909 | Sequence 8909, Ap |
| C 131 | 12.8 | 4.4 | 19 | 1 | US-09-338-907-490 | Sequence 490, App | C 204 | 12.2 | 4.2 | 17 | 1 | US-09-866-108A-8909 | Sequence 8909, Ap |
| C 132 | 12.8 | 4.4 | 19 | 1 | US-09-218-207-490 | Sequence 490, App | C 205 | 12.2 | 4.2 | 17 | 1 | US-09-866-108A-8909 | Sequence 8909, Ap |
| C 133 | 12.8 | 4.4 | 19 | 1 | US-09-844-634-6 | Sequence 6, Appl | C 206 | 12.2 | 4.2 | 18 | 1 | US-08-682-218-2 | Sequence 2, Appl |
| C 134 | 12.8 | 4.4 | 19 | 1 | US-08-921-497-1 | Sequence 1, Appl | C 207 | 12.2 | 4.2 | 18 | 1 | US-08-470-837-21 | Sequence 21, Appl |
| C 135 | 12.8 | 4.4 | 19 | 1 | US-09-882-212-39 | Sequence 39, Appl | C 208 | 12.2 | 4.2 | 18 | 1 | US-08-384-324-2 | Sequence 2, Appl |
| C 136 | 12.8 | 4.4 | 19 | 1 | PCT-US95-15716-107 | Sequence 107, App | C 209 | 12.2 | 4.2 | 18 | 1 | US-08-244-597-13 | Sequence 13, Appl |
| C 137 | 12.6 | 4.3 | 19 | 1 | US-08-940-104-6 | Sequence 6, Appl | C 210 | 12.2 | 4.2 | 18 | 1 | US-09-213-767-18 | Sequence 18, Appl |
| C 138 | 12.6 | 4.3 | 19 | 1 | US-08-620-717A-6 | Sequence 6, Appl | C 211 | 12.2 | 4.2 | 18 | 1 | US-09-205-860-22 | Sequence 22, Appl |
| C 139 | 12.6 | 4.3 | 19 | 1 | US-08-791-849A-4 | Sequence 4, Appl | C 212 | 12.2 | 4.2 | 18 | 1 | US-09-156-807-44 | Sequence 44, Appl |
| C 140 | 12.6 | 4.3 | 19 | 1 | US-08-646-763-25 | Sequence 25, Appl | C 213 | 12.2 | 4.2 | 18 | 1 | US-09-256-465-41 | Sequence 41, Appl |
| C 141 | 12.6 | 4.3 | 19 | 1 | US-09-597-771-7 | Sequence 7, Appl | C 214 | 12.2 | 4.2 | 18 | 1 | US-09-121-920-14 | Sequence 14, Appl |
| C 142 | 12.4 | 4.3 | 15 | 1 | US-08-311-486C-737 | Sequence 737, App | C 215 | 12.2 | 4.2 | 18 | 1 | US-09-280-409-71 | Sequence 71, Appl |
| C 143 | 12.4 | 4.3 | 15 | 1 | US-08-311-486C-738 | Sequence 738, App | C 216 | 12.2 | 4.2 | 18 | 1 | US-09-280-409-141 | Sequence 141, Appl |
| C 144 | 12.4 | 4.3 | 15 | 1 | US-08-047-553A-2 | Sequence 2, Appl | C 217 | 12.2 | 4.2 | 18 | 1 | US-08-600-982-13 | Sequence 13, Appl |
| C 145 | 12.4 | 4.3 | 15 | 1 | US-09-049-190-19 | Sequence 19, Appl | C 218 | 12.2 | 4.2 | 18 | 1 | US-08-868-452-21 | Sequence 21, Appl |
| C 146 | 12.4 | 4.3 | 15 | 1 | US-08-932-140C-19 | Sequence 19, Appl | C 219 | 12.2 | 4.2 | 18 | 1 | US-09-387-341-146 | Sequence 146, App |
| C 147 | 12.4 | 4.3 | 16 | 1 | US-08-088-661F-36 | Sequence 36, Appl | C 220 | 12.2 | 4.2 | 18 | 1 | US-09-380-030-8 | Sequence 8, Appl |
| C 148 | 12.4 | 4.3 | 16 | 1 | US-08-108-591B-33 | Sequence 33, Appl | C 221 | 12.2 | 4.2 | 18 | 1 | US-09-380-030-9 | Sequence 9, Appl |
| C 149 | 12.4 | 4.3 | 17 | 1 | US-08-246-978A-3 | Sequence 3, Appl | C 222 | 12.2 | 4.2 | 18 | 1 | US-09-197-224-13 | Sequence 13, Appl |
| C 150 | 12.4 | 4.3 | 17 | 1 | US-08-440-814A-3 | Sequence 3, Appl | C 223 | 12.2 | 4.2 | 18 | 1 | US-09-422-978-5267 | Sequence 5267, Ap |
| C 151 | 12.4 | 4.3 | 17 | 1 | US-08-292-620A-1683 | Sequence 1683, Ap | C 224 | 12.2 | 4.2 | 18 | 1 | US-09-422-978-7313 | Sequence 7313, Ap |
| C 152 | 12.4 | 4.3 | 17 | 1 | US-08-292-620A-1773 | Sequence 1773, Ap | C 225 | 12.2 | 4.2 | 18 | 1 | US-09-422-978-11532 | Sequence 11532, A |
| C 153 | 12.4 | 4.3 | 17 | 1 | US-08-292-620A-1855 | Sequence 1855, Ap | C 226 | 12.2 | 4.2 | 18 | 1 | US-09-197-221-13 | Sequence 13, Appl |
| C 154 | 12.4 | 4.3 | 17 | 1 | US-08-740-215B-2 | Sequence 2, Appl | C 227 | 12.2 | 4.2 | 18 | 1 | US-09-572-392A-13 | Sequence 13, Appl |
| C 155 | 12.4 | 4.3 | 17 | 1 | US-08-740-215B-6 | Sequence 6, Appl | C 228 | 12.2 | 4.2 | 18 | 1 | US-09-723-756-13 | Sequence 13, Appl |
| C 156 | 12.4 | 4.3 | 17 | 1 | US-09-071-845-1683 | Sequence 1683, Ap | C 229 | 12.2 | 4.2 | 18 | 1 | US-09-532-840-13 | Sequence 13, Appl |
| C 157 | 12.4 | 4.3 | 17 | 1 | US-09-071-845-1723 | Sequence 1723, Ap | C 230 | 12.2 | 4.2 | 18 | 1 | US-09-747-391-145 | Sequence 145, App |
| C 158 | 12.4 | 4.3 | 17 | 1 | US-09-071-845-1855 | Sequence 1855, Ap | C 231 | 12.2 | 4.2 | 18 | 1 | US-09-861-779-4 | Sequence 4, Appl |
| C 159 | 12.4 | 4.3 | 18 | 1 | US-09-156-807-45 | Sequence 45, Appl | C 232 | 12.2 | 4.2 | 18 | 1 | PCT-US93-03077-6 | Sequence 6, Appl |
| C 160 | 12.4 | 4.3 | 18 | 1 | US-09-474-922A-84 | Sequence 84, Appl | C 233 | 12.2 | 4.2 | 18 | 1 | PCT-US94-10261A-13 | Sequence 13, Appl |
| C 161 | 12.4 | 4.3 | 18 | 1 | US-09-387-341-147 | Sequence 147, App | C 234 | 12.2 | 4.2 | 18 | 1 | PCT-US96-01473-2 | Sequence 2, Appl |
| C 162 | 12.4 | 4.3 | 19 | 1 | US-08-117-953-247 | Sequence 247, App | C 235 | 12 | 4.1 | 13 | 1 | US-08-173-489C-148 | Sequence 148, App |
| C 163 | 12.4 | 4.3 | 19 | 1 | US-08-857-635-55 | Sequence 55, Appl | C 236 | 12 | 4.1 | 15 | 1 | US-08-173-489C-271 | Sequence 271, App |
| C 164 | 12.2 | 4.2 | 17 | 1 | US-08-373-124A-1571 | Sequence 1571, Ap | C 237 | 12 | 4.1 | 15 | 1 | US-08-584-040-8481 | Sequence 8481, Ap |
| C 165 | 12.2 | 4.2 | 17 | 1 | US-08-758-306-119 | Sequence 119, App | C 238 | 12 | 4.1 | 15 | 1 | US-09-371-772B-4136 | Sequence 4136, Ap |
| C 166 | 12.2 | 4.2 | 17 | 1 | US-08-435-628-1571 | Sequence 1571, Ap | C 239 | 12 | 4.1 | 17 | 1 | US-08-584-040-4364 | Sequence 4364, Ap |
| C 167 | 12.2 | 4.2 | 17 | 1 | US-08-292-620A-1680 | Sequence 1680, Ap | C 240 | 12 | 4.1 | 17 | 1 | US-08-584-040-4365 | Sequence 4365, Ap |
| C 168 | 12.2 | 4.2 | 17 | 1 | US-08-825-487A-104 | Sequence 104, App | C 241 | 12 | 4.1 | 17 | 1 | US-09-371-772B-2131 | Sequence 2131, Ap |
| C 169 | 12.2 | 4.2 | 17 | 1 | US-09-071-845-1680 | Sequence 1680, Ap | C 242 | 12 | 4.1 | 17 | 1 | US-09-371-772B-2132 | Sequence 2132, Ap |
| C 170 | 12.2 | 4.2 | 17 | 1 | US-09-025-769B-7 | Sequence 7, Appl | C 243 | 12 | 4.1 | 17 | 1 | US-09-371-772B-6319 | Sequence 6319, Ap |
| C 171 | 12.2 | 4.2 | 17 | 1 | US-08-584-040-2073 | Sequence 2073, Ap | C 244 | 12 | 4.1 | 17 | 1 | US-09-371-772B-6320 | Sequence 6320, Ap |
| C 172 | 12.2 | 4.2 | 17 | 1 | US-08-584-040-5486 | Sequence 5486, Ap | C 245 | 12 | 4.1 | 17 | 1 | US-09-371-772B-6921 | Sequence 6921, Ap |
| C 173 | 12.2 | 4.2 | 17 | 1 | US-09-480-017-8 | Sequence 8, Appl | C 246 | 12 | 4.1 | 17 | 1 | US-09-356-806-19 | Sequence 19, Appl |
| C 174 | 12.2 | 4.2 | 17 | 1 | US-09-474-432B-819 | Sequence 819, App | C 247 | 12 | 4.1 | 18 | 1 | US-08-390-850-1060 | Sequence 1060, Ap |
| C 175 | 12.2 | 4.2 | 17 | 1 | US-09-684-938-149 | Sequence 149, App | C 248 | 12 | 4.1 | 18 | 1 | US-08-435-634-1060 | Sequence 1060, Ap |
| C 176 | 12.2 | 4.2 | 17 | 1 | US-09-308-825A-149 | Sequence 149, App | C 249 | 12 | 4.1 | 18 | 1 | US-09-156-979-22 | Sequence 22, Appl |
| C 177 | 12.2 | 4.2 | 17 | 1 | US-09-371-772B-618 | Sequence 618, App | C 250 | 12 | 4.1 | 18 | 1 | US-09-387-341-83 | Sequence 83, Appl |
| C 178 | 12.2 | 4.2 | 17 | 1 | US-09-371-772B-2377 | Sequence 2377, Ap | C 251 | 11.8 | 4.1 | 15 | 1 | US-08-291-932A-96 | Sequence 96, Appl |
| C 179 | 12.2 | 4.2 | 17 | 1 | US-09-371-772B-5467 | Sequence 5467, Ap | C 252 | 11.8 | 4.1 | 15 | 1 | US-08-291-932A-285 | Sequence 285, Appl |

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| 253 | 11.8 | 4.1 | 15 | 1 | US-08-363-240A-697 | Sequence 697, App | 326 | 11.8 | 4.1 | 18 | 1 | US-08-488-223A-75 | Sequence 75, Appl |
| 254 | 11.8 | 4.1 | 15 | 1 | US-08-363-240A-711 | Sequence 711, App | 327 | 11.8 | 4.1 | 18 | 1 | US-09-294-531B-7 | Sequence 7, Appl |
| 255 | 11.8 | 4.1 | 15 | 1 | US-08-292-620A-146 | Sequence 146, App | C 328 | 11.8 | 4.1 | 18 | 1 | US-09-099-053-10 | Sequence 10, Appl |
| 256 | 11.8 | 4.1 | 15 | 1 | US-08-292-620A-147 | Sequence 147, App | C 329 | 11.8 | 4.1 | 18 | 1 | US-09-387-431A-175 | Sequence 148, App |
| C 257 | 11.8 | 4.1 | 15 | 1 | US-08-585-684B-1649 | Sequence 1649, App | 330 | 11.8 | 4.1 | 18 | 1 | US-08-438-431A-75 | Sequence 75, Appl |
| C 258 | 11.8 | 4.1 | 15 | 1 | US-08-585-684B-1650 | Sequence 1650, App | 331 | 11.8 | 4.1 | 18 | 1 | US-08-614-151-51 | Sequence 51, Appl |
| 259 | 11.8 | 4.1 | 15 | 1 | US-09-071-845-146 | Sequence 146, App | 332 | 11.8 | 4.1 | 18 | 1 | US-08-488-225A-75 | Sequence 75, Appl |
| 260 | 11.8 | 4.1 | 15 | 1 | US-09-071-845-147 | Sequence 147, App | 333 | 11.8 | 4.1 | 18 | 1 | US-09-153-242-36 | Sequence 36, Appl |
| C 261 | 11.8 | 4.1 | 15 | 1 | US-09-038-073-1649 | Sequence 1649, App | 334 | 11.8 | 4.1 | 18 | 1 | US-09-422-978-5889 | Sequence 5889, App |
| C 262 | 11.8 | 4.1 | 15 | 1 | US-09-038-073-1650 | Sequence 1650, App | 335 | 11.8 | 4.1 | 18 | 1 | US-09-422-978-7891 | Sequence 7891, App |
| C 263 | 11.8 | 4.1 | 16 | 1 | US-08-232-087A-5 | Sequence 5, Appl | 336 | 11.8 | 4.1 | 18 | 1 | US-09-265-503B-111 | Sequence 111, App |
| 264 | 11.8 | 4.1 | 16 | 1 | US-08-985-090-24 | Sequence 24, Appl | 337 | 11.8 | 4.1 | 18 | 1 | US-09-265-503B-111 | Sequence 111, App |
| 265 | 11.8 | 4.1 | 16 | 1 | US-09-165-543-26 | Sequence 26, Appl | C 338 | 11.8 | 4.1 | 18 | 1 | US-08-780-562-33 | Sequence 33, Appl |
| 266 | 11.8 | 4.1 | 17 | 1 | US-08-373-124A-1713 | Sequence 1713, App | 339 | 11.8 | 4.1 | 18 | 1 | US-08-780-562-34 | Sequence 34, Appl |
| 267 | 11.8 | 4.1 | 17 | 1 | US-08-758-306-117 | Sequence 117, App | 340 | 11.8 | 4.1 | 18 | 1 | US-09-371-772B-1487 | Sequence 1487, App |
| 268 | 11.8 | 4.1 | 17 | 1 | US-08-758-306-929 | Sequence 929, App | C 341 | 11.8 | 4.1 | 18 | 1 | US-09-533-494A-29 | Sequence 29, Appl |
| 269 | 11.8 | 4.1 | 17 | 1 | US-08-758-306-931 | Sequence 931, App | C 342 | 11.8 | 4.1 | 18 | 1 | US-09-856-747-46 | Sequence 46, Appl |
| 270 | 11.8 | 4.1 | 17 | 1 | US-08-758-306-933 | Sequence 933, App | C 343 | 11.6 | 4.0 | 12 | 1 | PCT-US91-03680-79 | Sequence 79, Appl |
| 271 | 11.8 | 4.1 | 17 | 1 | US-08-435-628-1713 | Sequence 1713, App | C 344 | 11.6 | 4.0 | 12 | 1 | US-09-732-199A-37 | Sequence 37, Appl |
| 272 | 11.8 | 4.1 | 17 | 1 | US-08-985-162-35 | Sequence 35, Appl | C 345 | 11.6 | 4.0 | 20 | 1 | US-09-732-199A-36 | Sequence 36, Appl |
| 273 | 11.8 | 4.1 | 17 | 1 | US-08-985-162-337 | Sequence 337, App | 346 | 11.4 | 3.9 | 15 | 1 | US-08-110-691A-1 | Sequence 1, Appl |
| 274 | 11.8 | 4.1 | 17 | 1 | US-09-218-979-14 | Sequence 14, Appl | 347 | 11.4 | 3.9 | 15 | 1 | US-08-585-684B-1199 | Sequence 1199, App |
| 275 | 11.8 | 4.1 | 17 | 1 | US-08-584-040-2389 | Sequence 2389, App | 348 | 11.4 | 3.9 | 15 | 1 | US-08-617-010C-21 | Sequence 21, Appl |
| 276 | 11.8 | 4.1 | 17 | 1 | US-08-584-040-2602 | Sequence 2602, App | 349 | 11.4 | 3.9 | 15 | 1 | US-09-038-073-1199 | Sequence 1199, App |
| C 277 | 11.8 | 4.1 | 17 | 1 | US-08-584-040-2613 | Sequence 2613, App | 350 | 11.4 | 3.9 | 15 | 1 | US-09-566-591-21 | Sequence 21, Appl |
| 278 | 11.8 | 4.1 | 17 | 1 | US-08-584-040-5487 | Sequence 5487, App | 351 | 11.4 | 3.9 | 15 | 1 | US-08-744-481A-31 | Sequence 31, Appl |
| 279 | 11.8 | 4.1 | 17 | 1 | US-08-584-040-5488 | Sequence 5488, App | C 352 | 11.4 | 3.9 | 15 | 1 | 5182195-45 | Patent No. 5182195 |
| C 280 | 11.8 | 4.1 | 17 | 1 | US-08-584-040-5488 | Sequence 5488, App | C 353 | 11.4 | 3.9 | 16 | 1 | US-08-173-489C-30 | Sequence 30, Appl |
| C 281 | 11.8 | 4.1 | 17 | 1 | US-08-584-040-5488 | Sequence 5488, App | C 354 | 11.4 | 3.9 | 16 | 1 | US-08-929-140-5 | Sequence 5, Appl |
| 282 | 11.8 | 4.1 | 17 | 1 | US-09-679-427-14 | Sequence 14, Appl | C 355 | 11.4 | 3.9 | 16 | 1 | US-08-929-140-7 | Sequence 7, Appl |
| 283 | 11.8 | 4.1 | 17 | 1 | US-09-371-772B-934 | Sequence 934, App | 356 | 11.4 | 3.9 | 16 | 1 | US-08-647-524-1 | Sequence 1, Appl |
| C 284 | 11.8 | 4.1 | 17 | 1 | US-09-371-772B-1126 | Sequence 1126, App | C 357 | 11.4 | 3.9 | 16 | 1 | US-09-560-579A-5 | Sequence 5, Appl |
| C 285 | 11.8 | 4.1 | 17 | 1 | US-09-371-772B-1137 | Sequence 1137, App | C 358 | 11.4 | 3.9 | 16 | 1 | US-09-560-579A-7 | Sequence 7, Appl |
| C 286 | 11.8 | 4.1 | 17 | 1 | US-09-371-772B-2378 | Sequence 2378, App | C 359 | 11.4 | 3.9 | 16 | 1 | US-08-460-890A-5 | Sequence 5, Appl |
| C 287 | 11.8 | 4.1 | 17 | 1 | US-09-371-772B-2379 | Sequence 2379, App | C 360 | 11.4 | 3.9 | 17 | 1 | US-08-192-300-6 | Sequence 6, Appl |
| C 288 | 11.8 | 4.1 | 17 | 1 | US-09-371-772B-2379 | Sequence 2379, App | 361 | 11.4 | 3.9 | 17 | 1 | US-08-379-078-487 | Sequence 487, App |
| C 289 | 11.8 | 4.1 | 17 | 1 | US-09-371-772B-2648 | Sequence 2648, App | 362 | 11.4 | 3.9 | 17 | 1 | US-08-379-078-498 | Sequence 498, App |
| 290 | 11.8 | 4.1 | 17 | 1 | US-09-371-772B-5468 | Sequence 5468, App | 363 | 11.4 | 3.9 | 17 | 1 | US-08-379-078-499 | Sequence 499, App |
| C 291 | 11.8 | 4.1 | 17 | 1 | US-09-371-772B-5479 | Sequence 5479, App | C 364 | 11.4 | 3.9 | 17 | 1 | US-08-331-890A-5 | Sequence 5, Appl |
| 292 | 11.8 | 4.1 | 17 | 1 | US-09-401-063-35 | Sequence 35, Appl | 365 | 11.4 | 3.9 | 17 | 1 | US-08-460-890A-5 | Sequence 5, Appl |
| 293 | 11.8 | 4.1 | 17 | 1 | US-09-401-063-337 | Sequence 337, App | 366 | 11.4 | 3.9 | 17 | 1 | US-08-167-641C-5 | Sequence 5, Appl |
| 294 | 11.8 | 4.1 | 17 | 1 | US-09-747-391-38 | Sequence 38, Appl | C 367 | 11.4 | 3.9 | 17 | 1 | US-08-985-162-134 | Sequence 134, App |
| 295 | 11.8 | 4.1 | 17 | 1 | US-09-866-108A-706 | Sequence 706, App | C 368 | 11.4 | 3.9 | 17 | 1 | US-08-985-162-536 | Sequence 336, App |
| 296 | 11.8 | 4.1 | 17 | 1 | US-09-866-108A-707 | Sequence 707, App | 369 | 11.4 | 3.9 | 17 | 1 | US-08-460-971A-5 | Sequence 5, Appl |
| 297 | 11.8 | 4.1 | 17 | 1 | US-09-866-108A-708 | Sequence 708, App | C 370 | 11.4 | 3.9 | 17 | 1 | US-09-192-657A-5 | Sequence 5, Appl |
| 298 | 11.8 | 4.1 | 17 | 1 | US-09-866-108A-6095 | Sequence 6095, App | 371 | 11.4 | 3.9 | 17 | 1 | US-08-462-040-5 | Sequence 5, Appl |
| 299 | 11.8 | 4.1 | 17 | 1 | US-09-866-108A-6098 | Sequence 6098, App | 372 | 11.4 | 3.9 | 17 | 1 | US-07-974-409C-101 | Sequence 101, App |
| 300 | 11.8 | 4.1 | 17 | 1 | US-09-866-108A-6102 | Sequence 6102, App | 373 | 11.4 | 3.9 | 17 | 1 | US-07-974-409C-112 | Sequence 112, App |
| 301 | 11.8 | 4.1 | 17 | 1 | US-09-866-108A-6103 | Sequence 6103, App | 374 | 11.4 | 3.9 | 17 | 1 | US-07-974-409C-113 | Sequence 113, App |
| 302 | 11.8 | 4.1 | 17 | 1 | US-09-866-108A-6512 | Sequence 6512, App | 375 | 11.4 | 3.9 | 17 | 1 | US-08-584-040-2068 | Sequence 2068, App |
| 303 | 11.8 | 4.1 | 17 | 1 | US-09-866-108A-6513 | Sequence 6513, App | 376 | 11.4 | 3.9 | 17 | 1 | US-08-584-040-5417 | Sequence 5417, App |
| 304 | 11.8 | 4.1 | 17 | 1 | US-09-866-108A-6514 | Sequence 6514, App | 377 | 11.4 | 3.9 | 17 | 1 | US-08-584-040-5418 | Sequence 5418, App |
| C 305 | 11.8 | 4.1 | 17 | 1 | US-09-866-108A-7662 | Sequence 7662, App | C 378 | 11.4 | 3.9 | 17 | 1 | US-08-584-040-7722 | Sequence 7722, App |
| C 306 | 11.8 | 4.1 | 17 | 1 | US-09-866-108A-7663 | Sequence 7663, App | C 379 | 11.4 | 3.9 | 17 | 1 | US-09-474-432B-395 | Sequence 395, App |
| 308 | 11.8 | 4.1 | 17 | 1 | US-09-866-108A-8906 | Sequence 8906, App | C 380 | 11.4 | 3.9 | 17 | 1 | US-03-474-432B-407 | Sequence 396, App |
| C 309 | 11.8 | 4.1 | 17 | 1 | US-09-866-108A-8907 | Sequence 8907, App | C 381 | 11.4 | 3.9 | 17 | 1 | US-03-474-432B-407 | Sequence 407, App |
| 310 | 11.8 | 4.1 | 18 | 1 | US-08-363-132-19 | Sequence 19, Appl | C 382 | 11.4 | 3.9 | 17 | 1 | US-03-474-432B-694 | Sequence 694, App |
| C 311 | 11.8 | 4.1 | 18 | 1 | US-08-363-240A-1236 | Sequence 1236, App | 383 | 11.4 | 3.9 | 17 | 1 | US-09-371-772B-613 | Sequence 613, App |
| C 312 | 11.8 | 4.1 | 18 | 1 | US-09-963-933-6 | Sequence 6, Appl | 384 | 11.4 | 3.9 | 17 | 1 | US-09-371-772B-2316 | Sequence 2316, App |
| C 313 | 11.8 | 4.1 | 18 | 1 | US-09-205-860-21 | Sequence 21, Appl | 385 | 11.4 | 3.9 | 17 | 1 | US-09-371-772B-2317 | Sequence 2317, App |
| C 314 | 11.8 | 4.1 | 18 | 1 | US-09-156-807-46 | Sequence 46, Appl | C 386 | 11.4 | 3.9 | 17 | 1 | US-09-371-772B-3507 | Sequence 3507, App |
| C 315 | 11.8 | 4.1 | 18 | 1 | US-08-485-942A-75 | Sequence 75, Appl | 387 | 11.4 | 3.9 | 17 | 1 | US-09-371-772B-4219 | Sequence 4219, App |
| C 316 | 11.8 | 4.1 | 18 | 1 | US-09-199-859-46 | Sequence 46, Appl | 388 | 11.4 | 3.9 | 17 | 1 | US-09-371-772B-4921 | Sequence 4921, App |
| C 317 | 11.8 | 4.1 | 18 | 1 | US-09-280-409-112 | Sequence 112, App | C 389 | 11.4 | 3.9 | 17 | 1 | US-09-371-772B-4922 | Sequence 4922, App |
| C 318 | 11.8 | 4.1 | 18 | 1 | US-09-289-466-71 | Sequence 71, Appl | C 390 | 11.4 | 3.9 | 17 | 1 | US-09-371-772B-5241 | Sequence 5241, App |
| 319 | 11.8 | 4.1 | 18 | 1 | US-08-488-214A-75 | Sequence 75, Appl | C 392 | 11.4 | 3.9 | 17 | 1 | US-09-371-772B-5247 | Sequence 5247, App |
| 320 | 11.8 | 4.1 | 18 | 1 | US-08-488-208A-75 | Sequence 75, Appl | C 393 | 11.4 | 3.9 | 17 | 1 | US-09-371-772B-5478 | Sequence 5478, App |
| 321 | 11.8 | 4.1 | 18 | 1 | US-08-361-810-111 | Sequence 111, App | C 394 | 11.4 | 3.9 | 17 | 1 | US-09-476-387-394 | Sequence 394, App |
| C 322 | 11.8 | 4.1 | 18 | 1 | US-08-352-902D-111 | Sequence 111, App | C 395 | 11.4 | 3.9 | 17 | 1 | US-09-476-387-395 | Sequence 395, App |
| C 323 | 11.8 | 4.1 | 18 | 1 | US-09-071-433-74 | Sequence 74, Appl | C 396 | 11.4 | 3.9 | 17 | 1 | US-09-476-387-406 | Sequence 406, App |
| C 324 | 11.8 | 4.1 | 18 | 1 | US-08-483-211A-75 | Sequence 75, Appl | C 397 | 11.4 | 3.9 | 17 | 1 | US-09-476-387-406 | Sequence 406, App |
| 325 | 11.8 | 4.1 | 18 | 1 | US-08-584-040-3059 | Sequence 3059, App | C 398 | 11.4 | 3.9 | 17 | 1 | US-09-401-063-134 | Sequence 134, App |

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|-------|------|-----|----|---|----------------------|-------------------|-----|------|-----|----|---|---------------------|-------------------|
| C 399 | 11.4 | 3.9 | 17 | 1 | US-09-866-108A-6050 | Sequence 6050, Ap | 472 | 11.2 | 3.9 | 17 | 1 | US-09-527-030G-181 | Sequence 181, App |
| C 400 | 11.4 | 3.9 | 17 | 1 | US-09-866-108A-6051 | Sequence 6051, Ap | 473 | 11.2 | 3.9 | 17 | 1 | US-09-636-796A-164 | Sequence 164, App |
| C 401 | 11.4 | 3.9 | 17 | 1 | US-09-866-108A-6052 | Sequence 6052, Ap | 474 | 11.2 | 3.9 | 17 | 1 | US-09-479-645A-32 | Sequence 32, Appl |
| C 402 | 11.4 | 3.9 | 17 | 1 | US-09-866-108A-6053 | Sequence 6053, Ap | 475 | 11.2 | 3.9 | 17 | 1 | US-09-474-432B-563 | Sequence 563, App |
| C 403 | 11.4 | 3.9 | 17 | 1 | US-09-866-108A-8905 | Sequence 8905, Ap | 476 | 11.2 | 3.9 | 17 | 1 | US-09-474-432B-889 | Sequence 889, App |
| C 404 | 11.4 | 3.9 | 17 | 1 | US-09-866-108A-9913 | Sequence 9913, Ap | 477 | 11.2 | 3.9 | 17 | 1 | US-09-371-772B-1136 | Sequence 1136, Ap |
| C 405 | 11.4 | 3.9 | 17 | 1 | US-09-866-108A-9914 | Sequence 9914, Ap | 478 | 11.2 | 3.9 | 17 | 1 | US-09-371-772B-3161 | Sequence 3161, Ap |
| C 406 | 11.4 | 3.9 | 17 | 1 | US-09-866-108A-9915 | Sequence 9915, Ap | 479 | 11.2 | 3.9 | 17 | 1 | US-09-371-772B-3636 | Sequence 3636, Ap |
| C 407 | 11.4 | 3.9 | 17 | 1 | US-09-866-108A-9916 | Sequence 9916, Ap | 480 | 11.2 | 3.9 | 17 | 1 | US-09-371-772B-4678 | Sequence 4678, Ap |
| C 408 | 11.4 | 3.9 | 17 | 1 | US-09-866-108A-9917 | Sequence 9917, Ap | 481 | 11.2 | 3.9 | 17 | 1 | US-09-371-772B-4919 | Sequence 4919, Ap |
| C 409 | 11.4 | 3.9 | 17 | 1 | US-09-866-108A-10681 | Sequence 10681, A | 482 | 11.2 | 3.9 | 17 | 1 | US-09-371-772B-4920 | Sequence 4920, Ap |
| C 410 | 11.4 | 3.9 | 17 | 1 | US-09-866-108A-10682 | Sequence 10682, A | 483 | 11.2 | 3.9 | 17 | 1 | US-09-371-772B-5092 | Sequence 5092, Ap |
| C 411 | 11.4 | 3.9 | 17 | 1 | US-09-866-108A-10683 | Sequence 10683, A | 484 | 11.2 | 3.9 | 17 | 1 | US-09-371-772B-5382 | Sequence 5382, Ap |
| C 412 | 11.4 | 3.9 | 17 | 1 | US-09-866-108A-10684 | Sequence 10684, A | 485 | 11.2 | 3.9 | 17 | 1 | US-09-371-772B-6584 | Sequence 6584, Ap |
| C 413 | 11.4 | 3.9 | 17 | 1 | US-09-866-108A-10685 | Sequence 10685, A | 486 | 11.2 | 3.9 | 17 | 1 | US-09-371-772B-6589 | Sequence 6589, Ap |
| C 414 | 11.4 | 3.9 | 17 | 1 | PCT-US93-00977-101 | Sequence 101, App | 487 | 11.2 | 3.9 | 17 | 1 | US-09-371-772B-6671 | Sequence 6671, Ap |
| C 415 | 11.4 | 3.9 | 17 | 1 | PCT-US93-00977-112 | Sequence 112, App | 488 | 11.2 | 3.9 | 17 | 1 | US-10-072-844-8 | Sequence 8, Appli |
| C 416 | 11.4 | 3.9 | 17 | 1 | PCT-US93-00977-113 | Sequence 113, App | 489 | 11.2 | 3.9 | 17 | 1 | US-10-072-838-8 | Sequence 8, Appli |
| C 417 | 11.4 | 3.9 | 19 | 1 | US-08-348-548-107 | Sequence 107, App | 490 | 11.2 | 3.9 | 17 | 1 | US-10-072-838-9 | Sequence 9, Appli |
| C 418 | 11.4 | 3.9 | 19 | 1 | PCT-US95-15716-107 | Sequence 107, App | 491 | 11.2 | 3.9 | 17 | 1 | US-09-476-387-562 | Sequence 562, App |
| C 419 | 11.2 | 3.9 | 16 | 1 | US-08-757-024-407 | Sequence 407, App | 492 | 11.2 | 3.9 | 17 | 1 | US-09-476-387-888 | Sequence 888, App |
| C 420 | 11.2 | 3.9 | 16 | 1 | US-09-415-784-85 | Sequence 85, Appl | 493 | 11.2 | 3.9 | 17 | 1 | US-09-401-063-271 | Sequence 271, App |
| C 421 | 11.2 | 3.9 | 16 | 1 | US-09-415-785A-85 | Sequence 85, Appl | 494 | 11.2 | 3.9 | 17 | 1 | US-09-686-597-20 | Sequence 20, Appl |
| C 422 | 11.2 | 3.9 | 16 | 1 | US-08-944-465-85 | Sequence 85, Appl | 495 | 11.2 | 3.9 | 17 | 1 | US-09-686-597-21 | Sequence 21, Appl |
| C 423 | 11.2 | 3.9 | 16 | 1 | US-09-415-868-85 | Sequence 85, Appl | 496 | 11.2 | 3.9 | 17 | 1 | US-09-686-597-22 | Sequence 22, Appl |
| C 424 | 11.2 | 3.9 | 16 | 1 | US-09-415-900-85 | Sequence 85, Appl | 497 | 11.2 | 3.9 | 17 | 1 | US-09-686-597-29 | Sequence 29, Appl |
| C 425 | 11.2 | 3.9 | 16 | 1 | US-09-507-362-85 | Sequence 85, Appl | 498 | 11.2 | 3.9 | 17 | 1 | US-10-072-841A-8 | Sequence 8, Appli |
| C 426 | 11.2 | 3.9 | 16 | 1 | US-09-798-542-14 | Sequence 14, Appl | 499 | 11.2 | 3.9 | 17 | 1 | US-09-827-998-211 | Sequence 211, App |
| C 427 | 11.2 | 3.9 | 17 | 1 | US-08-373-124A-1575 | Sequence 1575, Ap | 500 | 11.2 | 3.9 | 17 | 1 | US-09-827-998-425 | Sequence 425, App |
| C 428 | 11.2 | 3.9 | 17 | 1 | US-08-435-628-1575 | Sequence 1575, Ap | 501 | 11.2 | 3.9 | 17 | 1 | US-09-827-998-428 | Sequence 428, App |
| C 429 | 11.2 | 3.9 | 17 | 1 | US-08-390-850-540 | Sequence 540, App | 502 | 11.2 | 3.9 | 17 | 1 | US-09-866-108A-225 | Sequence 225, App |
| C 430 | 11.2 | 3.9 | 17 | 1 | US-08-390-850-541 | Sequence 541, App | 503 | 11.2 | 3.9 | 17 | 1 | US-09-866-108A-230 | Sequence 230, App |
| C 431 | 11.2 | 3.9 | 17 | 1 | US-08-390-850-567 | Sequence 567, App | 504 | 11.2 | 3.9 | 17 | 1 | US-09-866-108A-660 | Sequence 660, App |
| C 432 | 11.2 | 3.9 | 17 | 1 | US-08-373-124A-542 | Sequence 542, App | 505 | 11.2 | 3.9 | 17 | 1 | US-09-866-108A-663 | Sequence 663, App |
| C 433 | 11.2 | 3.9 | 17 | 1 | US-08-373-124A-544 | Sequence 544, App | 506 | 11.2 | 3.9 | 17 | 1 | US-09-866-108A-803 | Sequence 803, App |
| C 434 | 11.2 | 3.9 | 17 | 1 | US-08-373-124A-1585 | Sequence 1585, Ap | 507 | 11.2 | 3.9 | 17 | 1 | US-09-866-108A-804 | Sequence 804, App |
| C 435 | 11.2 | 3.9 | 17 | 1 | US-08-373-124A-1617 | Sequence 1617, Ap | 508 | 11.2 | 3.9 | 17 | 1 | US-09-866-108A-1207 | Sequence 1207, Ap |
| C 436 | 11.2 | 3.9 | 17 | 1 | US-08-373-124A-1619 | Sequence 1619, Ap | 509 | 11.2 | 3.9 | 17 | 1 | US-09-866-108A-1208 | Sequence 1208, Ap |
| C 437 | 11.2 | 3.9 | 17 | 1 | US-08-435-634-540 | Sequence 540, App | 510 | 11.2 | 3.9 | 17 | 1 | US-09-866-108A-1612 | Sequence 1612, Ap |
| C 438 | 11.2 | 3.9 | 17 | 1 | US-08-435-634-541 | Sequence 541, App | 511 | 11.2 | 3.9 | 17 | 1 | US-09-866-108A-1614 | Sequence 1614, Ap |
| C 439 | 11.2 | 3.9 | 17 | 1 | US-08-435-634-567 | Sequence 567, App | 512 | 11.2 | 3.9 | 17 | 1 | US-09-866-108A-1831 | Sequence 1831, Ap |
| C 440 | 11.2 | 3.9 | 17 | 1 | US-08-758-306-1019 | Sequence 1019, Ap | 513 | 11.2 | 3.9 | 17 | 1 | US-09-866-108A-1832 | Sequence 1832, Ap |
| C 441 | 11.2 | 3.9 | 17 | 1 | US-08-435-628-542 | Sequence 542, App | 514 | 11.2 | 3.9 | 17 | 1 | US-09-866-108A-1835 | Sequence 1835, Ap |
| C 442 | 11.2 | 3.9 | 17 | 1 | US-08-435-628-544 | Sequence 544, App | 515 | 11.2 | 3.9 | 17 | 1 | US-09-866-108A-1836 | Sequence 1836, Ap |
| C 443 | 11.2 | 3.9 | 17 | 1 | US-08-435-628-1585 | Sequence 1585, Ap | 516 | 11.2 | 3.9 | 17 | 1 | US-09-866-108A-2228 | Sequence 2228, Ap |
| C 444 | 11.2 | 3.9 | 17 | 1 | US-08-435-628-1617 | Sequence 1617, Ap | 517 | 11.2 | 3.9 | 17 | 1 | US-09-866-108A-2229 | Sequence 2229, Ap |
| C 445 | 11.2 | 3.9 | 17 | 1 | US-08-435-628-1619 | Sequence 1619, Ap | 518 | 11.2 | 3.9 | 17 | 1 | US-09-866-108A-2790 | Sequence 2790, Ap |
| C 446 | 11.2 | 3.9 | 17 | 1 | US-08-704-473-5 | Sequence 5, Appli | 519 | 11.2 | 3.9 | 17 | 1 | US-09-866-108A-2791 | Sequence 2791, Ap |
| C 447 | 11.2 | 3.9 | 17 | 1 | US-08-292-620A-1676 | Sequence 1676, Ap | 520 | 11.2 | 3.9 | 17 | 1 | US-09-866-108A-2898 | Sequence 2898, Ap |
| C 448 | 11.2 | 3.9 | 17 | 1 | US-08-967-101-164 | Sequence 164, App | 521 | 11.2 | 3.9 | 17 | 1 | US-09-866-108A-2898 | Sequence 2899, Ap |
| C 449 | 11.2 | 3.9 | 17 | 1 | US-08-223-355-25 | Sequence 25, Appl | 522 | 11.2 | 3.9 | 17 | 1 | US-09-866-108A-6047 | Sequence 6047, Ap |
| C 450 | 11.2 | 3.9 | 17 | 1 | US-08-391-916A-11 | Sequence 11, Appl | 523 | 11.2 | 3.9 | 17 | 1 | US-09-866-108A-6100 | Sequence 6100, Ap |
| C 451 | 11.2 | 3.9 | 17 | 1 | US-08-452-242-18 | Sequence 18, Appl | 524 | 11.2 | 3.9 | 17 | 1 | US-09-866-108A-6479 | Sequence 6479, Ap |
| C 452 | 11.2 | 3.9 | 17 | 1 | US-07-728-215-8 | Sequence 8, Appli | 525 | 11.2 | 3.9 | 17 | 1 | US-09-866-108A-6480 | Sequence 6480, Ap |
| C 453 | 11.2 | 3.9 | 17 | 1 | US-07-728-215-9 | Sequence 9, Appli | 526 | 11.2 | 3.9 | 17 | 1 | US-09-866-108A-7389 | Sequence 7389, Ap |
| C 454 | 11.2 | 3.9 | 17 | 1 | US-08-592-541-164 | Sequence 164, App | 527 | 11.2 | 3.9 | 17 | 1 | US-09-866-108A-7394 | Sequence 7394, Ap |
| C 455 | 11.2 | 3.9 | 17 | 1 | US-08-453-176A-18 | Sequence 18, Appl | 528 | 11.2 | 3.9 | 17 | 1 | US-09-866-108A-7667 | Sequence 7667, Ap |
| C 456 | 11.2 | 3.9 | 17 | 1 | US-08-071-845-1676 | Sequence 1676, Ap | 529 | 11.2 | 3.9 | 17 | 1 | US-09-866-108A-7919 | Sequence 7919, Ap |
| C 457 | 11.2 | 3.9 | 17 | 1 | US-08-757-024-374 | Sequence 374, App | 530 | 11.2 | 3.9 | 17 | 1 | US-09-866-108A-7920 | Sequence 7920, Ap |
| C 458 | 11.2 | 3.9 | 17 | 1 | US-08-127-420-164 | Sequence 164, App | 531 | 11.2 | 3.9 | 17 | 1 | US-09-866-108A-8220 | Sequence 8220, Ap |
| C 459 | 11.2 | 3.9 | 17 | 1 | US-08-985-162-271 | Sequence 271, App | 532 | 11.2 | 3.9 | 17 | 1 | US-09-866-108A-8221 | Sequence 8221, Ap |
| C 460 | 11.2 | 3.9 | 17 | 1 | US-08-451-374-18 | Sequence 18, Appl | 533 | 11.2 | 3.9 | 17 | 1 | US-09-866-108A-8903 | Sequence 8903, Ap |
| C 461 | 11.2 | 3.9 | 17 | 1 | US-08-998-099-90 | Sequence 90, Appl | 534 | 11.2 | 3.9 | 17 | 1 | US-09-866-108A-8910 | Sequence 8910, Ap |
| C 462 | 11.2 | 3.9 | 17 | 1 | US-09-124-698-164 | Sequence 164, App | 535 | 11.2 | 3.9 | 17 | 1 | US-09-866-108A-9744 | Sequence 9744, Ap |
| C 463 | 11.2 | 3.9 | 17 | 1 | US-09-071-845-1676 | Sequence 1676, Ap | 536 | 11.2 | 3.9 | 17 | 1 | US-09-866-108A-9745 | Sequence 9745, Ap |
| C 464 | 11.2 | 3.9 | 17 | 1 | US-08-127-420-164 | Sequence 164, App | 537 | 11.2 | 3.9 | 17 | 1 | US-09-866-108A-9745 | Sequence 9745, Ap |
| C 465 | 11.2 | 3.9 | 17 | 1 | US-08-334-938-6 | Sequence 6, Appli | 538 | 11.2 | 3.9 | 18 | 1 | US-09-156-807-45 | Sequence 45, Appl |
| C 466 | 11.2 | 3.9 | 17 | 1 | US-08-338-085A-8 | Sequence 8, Appli | 539 | 11.2 | 3.9 | 18 | 1 | US-09-387-341-147 | Sequence 147, App |
| C 467 | 11.2 | 3.9 | 17 | 1 | US-08-584-040-2612 | Sequence 2612, Ap | 540 | 11 | 3.8 | 18 | 1 | US-09-249-155A-256 | Sequence 156, App |
| C 468 | 11.2 | 3.9 | 17 | 1 | US-08-584-040-7352 | Sequence 7352, Ap | 541 | 11 | 3.8 | 12 | 1 | US-09-281-418-76 | Sequence 76, Appl |
| C 469 | 11.2 | 3.9 | 17 | 1 | US-08-584-040-7853 | Sequence 7853, Ap | 542 | 11 | 3.8 | 12 | 1 | PCT-US91-03680-80 | Sequence 80, Appl |
| C 470 | 11.2 | 3.9 | 17 | 1 | US-08-452-229-18 | Sequence 18, Appl | 543 | 11 | 3.8 | 15 | 1 | US-08-182-968A-428 | Sequence 428, App |
| C 471 | 11.2 | 3.9 | 17 | 1 | US-09-124-523-164 | Sequence 164, App | 544 | 11 | 3.8 | 15 | 1 | US-08-291-932A-272 | Sequence 272, App |

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| 545 | 11 | 3.8 | 15 | 1 | US-08-363-240A-61 | Sequence 61, Appl | 618 | 10.4 | 3.6 | 12 | 1 | PCT-US91-03680-81 | Sequence 81, Appl |
| 546 | 11 | 3.8 | 15 | 1 | US-08-774-306A-428 | Sequence 428, Appl | 619 | 10.4 | 3.6 | 13 | 1 | US-08-173-489C-333 | Sequence 333, Appl |
| 547 | 11 | 3.8 | 15 | 1 | US-09-064-156A-428 | Sequence 428, Appl | 620 | 10.4 | 3.6 | 13 | 1 | US-08-487-867-25 | Sequence 25, Appl |
| 548 | 11 | 3.8 | 15 | 1 | US-09-081-646-711 | Sequence 711, Appl | 621 | 10.4 | 3.6 | 13 | 1 | US-08-757-024-500 | Sequence 500, Appl |
| 549 | 11 | 3.8 | 16 | 1 | US-09-371-772B-5974 | Sequence 5974, Ap | 622 | 10.4 | 3.6 | 13 | 1 | US-08-757-024-528 | Sequence 528, Appl |
| 550 | 11 | 3.8 | 16 | 1 | US-09-479-005A-174 | Sequence 174, Appl | 623 | 10.4 | 3.6 | 13 | 1 | US-09-216-584-13 | Sequence 13, Appl |
| 551 | 11 | 3.8 | 17 | 1 | US-08-453-242-18 | Sequence 18, Appl | 624 | 10.4 | 3.6 | 13 | 1 | PCT-US96-09358-25 | Sequence 25, Appl |
| 552 | 11 | 3.8 | 17 | 1 | US-08-453-176A-18 | Sequence 18, Appl | 625 | 10.4 | 3.6 | 14 | 1 | US-08-757-024-470 | Sequence 470, Appl |
| 553 | 11 | 3.8 | 17 | 1 | US-08-451-374-18 | Sequence 18, Appl | 626 | 10.4 | 3.6 | 14 | 1 | US-08-757-024-499 | Sequence 499, Appl |
| 554 | 11 | 3.8 | 17 | 1 | US-08-935-268A-18 | Sequence 18, Appl | 627 | 10.4 | 3.6 | 14 | 1 | US-08-757-024-527 | Sequence 527, Appl |
| 555 | 11 | 3.8 | 17 | 1 | US-08-452-229-18 | Sequence 18, Appl | 628 | 10.4 | 3.6 | 14 | 1 | US-08-192-946-21 | Sequence 21, Appl |
| 556 | 10.8 | 3.7 | 14 | 1 | US-08-465-590-108 | Sequence 108, Appl | 629 | 10.4 | 3.6 | 14 | 1 | US-09-647-344A-34 | Sequence 34, Appl |
| 557 | 10.8 | 3.7 | 14 | 1 | US-08-711-417C-108 | Sequence 108, Appl | 630 | 10.4 | 3.6 | 15 | 1 | US-08-311-760A-46 | Sequence 46, Appl |
| 558 | 10.8 | 3.7 | 14 | 1 | US-09-230-652-64 | Sequence 64, Appl | 631 | 10.4 | 3.6 | 15 | 1 | US-08-319-492B-7 | Sequence 7, Appl |
| 559 | 10.8 | 3.7 | 14 | 1 | US-09-723-909-108 | Sequence 108, Appl | 632 | 10.4 | 3.6 | 15 | 1 | US-08-319-492B-110 | Sequence 110, Appl |
| 560 | 10.8 | 3.7 | 14 | 1 | US-09-874-601-180 | Sequence 180, Appl | 633 | 10.4 | 3.6 | 15 | 1 | US-08-319-492B-469 | Sequence 469, Appl |
| 561 | 10.8 | 3.7 | 14 | 1 | PCT-US93-08743-108 | Sequence 108, Appl | 634 | 10.4 | 3.6 | 15 | 1 | US-08-291-932A-179 | Sequence 179, Appl |
| 562 | 10.8 | 3.7 | 15 | 1 | US-08-291-932A-95 | Sequence 95, Appl | 635 | 10.4 | 3.6 | 15 | 1 | US-08-291-932A-266 | Sequence 266, Appl |
| 563 | 10.8 | 3.7 | 15 | 1 | US-08-291-932A-160 | Sequence 160, Appl | 636 | 10.4 | 3.6 | 15 | 1 | US-08-334-847-554 | Sequence 554, Appl |
| 564 | 10.8 | 3.7 | 15 | 1 | US-08-291-932A-284 | Sequence 284, Appl | 637 | 10.4 | 3.6 | 15 | 1 | US-08-449-045C-27 | Sequence 27, Appl |
| 565 | 10.8 | 3.7 | 15 | 1 | US-08-291-932A-364 | Sequence 364, Appl | 638 | 10.4 | 3.6 | 15 | 1 | US-08-311-486C-668 | Sequence 668, Appl |
| 566 | 10.8 | 3.7 | 15 | 1 | US-08-334-847-526 | Sequence 526, Appl | 639 | 10.4 | 3.6 | 15 | 1 | US-08-311-389A-4 | Sequence 4, Appl |
| 567 | 10.8 | 3.7 | 15 | 1 | US-08-363-240A-178 | Sequence 178, Appl | 640 | 10.4 | 3.6 | 15 | 1 | US-08-500-914B-3 | Sequence 3, Appl |
| 568 | 10.8 | 3.7 | 15 | 1 | US-08-311-486C-135 | Sequence 135, Appl | 641 | 10.4 | 3.6 | 15 | 1 | US-08-500-914B-15 | Sequence 15, Appl |
| 569 | 10.8 | 3.7 | 15 | 1 | US-08-311-486C-136 | Sequence 136, Appl | 642 | 10.4 | 3.6 | 15 | 1 | US-08-173-489C-109 | Sequence 109, Appl |
| 570 | 10.8 | 3.7 | 15 | 1 | US-08-311-486C-122 | Sequence 122, Appl | 643 | 10.4 | 3.6 | 15 | 1 | US-08-435-605A-39 | Sequence 39, Appl |
| 571 | 10.8 | 3.7 | 15 | 1 | US-08-311-486C-623 | Sequence 623, Appl | 644 | 10.4 | 3.6 | 15 | 1 | US-08-585-684B-8 | Sequence 8, Appl |
| 572 | 10.8 | 3.7 | 15 | 1 | US-08-173-489C-35 | Sequence 35, Appl | 645 | 10.4 | 3.6 | 15 | 1 | US-08-585-684B-886 | Sequence 886, Appl |
| 573 | 10.8 | 3.7 | 15 | 1 | US-08-585-684B-196 | Sequence 196, Appl | 646 | 10.4 | 3.6 | 15 | 1 | US-08-585-684B-887 | Sequence 887, Appl |
| 574 | 10.8 | 3.7 | 15 | 1 | US-08-585-684B-197 | Sequence 197, Appl | 647 | 10.4 | 3.6 | 15 | 1 | US-08-585-684B-888 | Sequence 888, Appl |
| 575 | 10.8 | 3.7 | 15 | 1 | US-08-585-684B-1225 | Sequence 1225, Ap | 648 | 10.4 | 3.6 | 15 | 1 | US-08-585-684B-1200 | Sequence 1200, Ap |
| 576 | 10.8 | 3.7 | 15 | 1 | US-08-477-553A-3 | Sequence 3, Appl | 649 | 10.4 | 3.6 | 15 | 1 | US-08-585-684B-1215 | Sequence 1215, Ap |
| 577 | 10.8 | 3.7 | 15 | 1 | US-08-477-553A-6 | Sequence 6, Appl | 650 | 10.4 | 3.6 | 15 | 1 | US-08-585-684B-2347 | Sequence 2347, Ap |
| 578 | 10.8 | 3.7 | 15 | 1 | US-08-963-946-27 | Sequence 27, Appl | 651 | 10.4 | 3.6 | 15 | 1 | US-08-585-684B-2348 | Sequence 2348, Ap |
| 579 | 10.8 | 3.7 | 15 | 1 | US-08-994-946A-10 | Sequence 10, Appl | 652 | 10.4 | 3.6 | 15 | 1 | US-08-774-310-46 | Sequence 46, Appl |
| 580 | 10.8 | 3.7 | 15 | 1 | US-09-038-073-196 | Sequence 196, Appl | 653 | 10.4 | 3.6 | 15 | 1 | US-08-757-024-439 | Sequence 439, Appl |
| 581 | 10.8 | 3.7 | 15 | 1 | US-09-038-073-197 | Sequence 197, Appl | 654 | 10.4 | 3.6 | 15 | 1 | US-08-757-024-469 | Sequence 469, Appl |
| 582 | 10.8 | 3.7 | 15 | 1 | US-09-038-073-1225 | Sequence 1225, Ap | 655 | 10.4 | 3.6 | 15 | 1 | US-08-757-024-498 | Sequence 498, Appl |
| 583 | 10.8 | 3.7 | 15 | 1 | US-09-081-646-421 | Sequence 421, Appl | 656 | 10.4 | 3.6 | 15 | 1 | US-08-757-024-526 | Sequence 526, Appl |
| 584 | 10.8 | 3.7 | 15 | 1 | US-09-081-646-421 | Sequence 421, Appl | 657 | 10.4 | 3.6 | 15 | 1 | US-09-043-123-5 | Sequence 5, Appl |
| 585 | 10.8 | 3.7 | 15 | 1 | US-09-230-652-59 | Sequence 59, Appl | 658 | 10.4 | 3.6 | 15 | 1 | US-09-192-657A-4 | Sequence 4, Appl |
| 586 | 10.8 | 3.7 | 15 | 1 | US-09-811-286-12 | Sequence 12, Appl | 659 | 10.4 | 3.6 | 15 | 1 | US-09-049-190-20 | Sequence 20, Appl |
| 587 | 10.8 | 3.7 | 15 | 1 | US-09-811-286-13 | Sequence 13, Appl | 660 | 10.4 | 3.6 | 15 | 1 | US-09-038-073-8 | Sequence 8, Appl |
| 588 | 10.8 | 3.7 | 15 | 1 | US-08-303-008-37 | Sequence 37, Appl | 661 | 10.4 | 3.6 | 15 | 1 | US-09-038-073-886 | Sequence 886, Appl |
| 589 | 10.8 | 3.7 | 16 | 1 | US-08-210-880B-5 | Sequence 5, Appl | 662 | 10.4 | 3.6 | 15 | 1 | US-09-038-073-887 | Sequence 887, Appl |
| 590 | 10.8 | 3.7 | 16 | 1 | US-08-291-932A-629 | Sequence 629, Appl | 663 | 10.4 | 3.6 | 15 | 1 | US-09-038-073-888 | Sequence 888, Appl |
| 591 | 10.8 | 3.7 | 16 | 1 | US-08-771-411-5 | Sequence 5, Appl | 664 | 10.4 | 3.6 | 15 | 1 | US-09-038-073-1200 | Sequence 1200, Ap |
| 592 | 10.8 | 3.7 | 16 | 1 | US-08-173-489C-4 | Sequence 4, Appl | 665 | 10.4 | 3.6 | 15 | 1 | US-09-038-073-1215 | Sequence 1215, Ap |
| 593 | 10.8 | 3.7 | 16 | 1 | US-08-173-489C-29 | Sequence 29, Appl | 666 | 10.4 | 3.6 | 15 | 1 | US-09-038-073-2347 | Sequence 2347, Ap |
| 594 | 10.8 | 3.7 | 16 | 1 | US-08-954-210-57 | Sequence 57, Appl | 667 | 10.4 | 3.6 | 15 | 1 | US-09-038-073-2348 | Sequence 2348, Ap |
| 595 | 10.8 | 3.7 | 16 | 1 | US-08-482-918-13 | Sequence 13, Appl | 668 | 10.4 | 3.6 | 15 | 1 | US-08-932-140C-20 | Sequence 20, Appl |
| 596 | 10.8 | 3.7 | 16 | 1 | US-09-224-681-13 | Sequence 13, Appl | 669 | 10.4 | 3.6 | 15 | 1 | US-09-081-646-8 | Sequence 8, Appl |
| 597 | 10.8 | 3.7 | 16 | 1 | US-08-336-728A-13 | Sequence 13, Appl | 670 | 10.4 | 3.6 | 15 | 1 | US-09-081-646-131 | Sequence 131, Appl |
| 598 | 10.8 | 3.7 | 16 | 1 | US-09-160-588-3 | Sequence 3, Appl | 671 | 10.4 | 3.6 | 15 | 1 | US-09-081-646-218 | Sequence 218, Appl |
| 599 | 10.8 | 3.7 | 16 | 1 | US-09-270-933-5 | Sequence 5, Appl | 672 | 10.4 | 3.6 | 15 | 1 | US-09-081-646-255 | Sequence 255, Appl |
| 600 | 10.8 | 3.7 | 16 | 1 | US-09-431-419A-57 | Sequence 57, Appl | 673 | 10.4 | 3.6 | 15 | 1 | US-09-081-646-490 | Sequence 490, Appl |
| 601 | 10.8 | 3.7 | 16 | 1 | US-09-462-720-24 | Sequence 24, Appl | 674 | 10.4 | 3.6 | 15 | 1 | US-09-081-646-840 | Sequence 840, Appl |
| 602 | 10.8 | 3.7 | 16 | 1 | US-09-479-005A-53 | Sequence 53, Appl | 675 | 10.4 | 3.6 | 15 | 1 | US-09-081-646-855 | Sequence 855, Appl |
| 603 | 10.8 | 3.7 | 16 | 1 | US-09-479-005A-54 | Sequence 54, Appl | 676 | 10.4 | 3.6 | 15 | 1 | US-09-415-784-6 | Sequence 6, Appl |
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| 605 | 10.8 | 3.7 | 17 | 1 | US-09-371-772B-2378 | Sequence 2378, Ap | 678 | 10.4 | 3.6 | 15 | 1 | US-08-944-465-6 | Sequence 6, Appl |
| 606 | 10.6 | 3.7 | 17 | 1 | US-08-825-487A-104 | Sequence 104, Appl | 679 | 10.4 | 3.6 | 15 | 1 | US-09-415-868-6 | Sequence 6, Appl |
| 607 | 10.6 | 3.7 | 17 | 1 | US-08-584-040-5486 | Sequence 5486, Ap | 680 | 10.4 | 3.6 | 15 | 1 | US-09-415-900-6 | Sequence 6, Appl |
| 608 | 10.6 | 3.7 | 17 | 1 | US-09-371-772B-2377 | Sequence 2377, Ap | 681 | 10.4 | 3.6 | 15 | 1 | US-09-507-362-6 | Sequence 6, Appl |
| 609 | 10.6 | 3.7 | 20 | 1 | US-08-388-381-17 | Sequence 17, Appl | 682 | 10.4 | 3.6 | 16 | 1 | US-08-119-773-12 | Sequence 12, Appl |
| 610 | 10.6 | 3.7 | 20 | 1 | US-08-765-626-17 | Sequence 17, Appl | 683 | 10.4 | 3.6 | 16 | 1 | US-08-588-821-84 | Sequence 84, Appl |
| 611 | 10.6 | 3.7 | 20 | 1 | PCT-US95-08605-17 | Sequence 17, Appl | 684 | 10.4 | 3.6 | 16 | 1 | US-08-533-912-44 | Sequence 44, Appl |
| 612 | 10.6 | 3.6 | 12 | 1 | US-08-050-319B-46 | Sequence 46, Appl | 685 | 10.4 | 3.6 | 16 | 1 | US-08-915-214-84 | Sequence 84, Appl |
| 613 | 10.4 | 3.6 | 12 | 1 | US-08-173-489C-230 | Sequence 230, Appl | 686 | 10.4 | 3.6 | 16 | 1 | US-08-292-620A-1594 | Sequence 1594, Ap |
| 614 | 10.4 | 3.6 | 12 | 1 | US-08-465-982-46 | Sequence 46, Appl | 687 | 10.4 | 3.6 | 16 | 1 | US-08-379-482A-6 | Sequence 48, Appl |
| 615 | 10.4 | 3.6 | 12 | 1 | US-08-757-024-529 | Sequence 529, Appl | 688 | 10.4 | 3.6 | 16 | 1 | US-08-770-235A-48 | Sequence 48, Appl |
| 616 | 10.4 | 3.6 | 12 | 1 | US-09-150-805-19 | Sequence 19, Appl | 689 | 10.4 | 3.6 | 16 | 1 | US-09-005-532-84 | Sequence 84, Appl |
| 617 | 10.4 | 3.6 | 12 | 1 | US-08-996-069A-19 | Sequence 19, Appl | 690 | 10.4 | 3.6 | 16 | 1 | US-08-757-024-438 | Sequence 438, Appl |

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| C 691 | 10.4 | 3.6 | 16 | 1 | US-08-757-024-468 | Sequence 468, App |
| C 692 | 10.4 | 3.6 | 16 | 1 | US-08-757-024-497 | Sequence 497, App |
| C 693 | 10.4 | 3.6 | 16 | 1 | US-08-757-024-525 | Sequence 525, App |
| C 694 | 10.4 | 3.6 | 16 | 1 | US-08-911-894-13 | Sequence 13, Appl |
| C 695 | 10.4 | 3.6 | 16 | 1 | US-08-911-894-14 | Sequence 14, Appl |
| C 696 | 10.4 | 3.6 | 16 | 1 | US-08-454-098-18 | Sequence 18, Appl |
| C 697 | 10.4 | 3.6 | 16 | 1 | US-09-071-845-1594 | Sequence 1594, Ap |
| C 698 | 10.4 | 3.6 | 16 | 1 | US-09-322-409-134 | Sequence 134, App |
| C 699 | 10.4 | 3.6 | 16 | 1 | US-08-479-660-8 | Sequence 8, Appl |
| C 700 | 10.4 | 3.6 | 16 | 1 | US-09-451-527-134 | Sequence 134, App |
| C 701 | 10.4 | 3.6 | 16 | 1 | US-09-303-040-51 | Sequence 51, Appl |
| C 702 | 10.4 | 3.6 | 16 | 1 | US-09-371-772B-6971 | Sequence 6971, Ap |
| C 703 | 10.4 | 3.6 | 16 | 1 | US-09-371-772B-6987 | Sequence 6987, Ap |
| C 704 | 10.4 | 3.6 | 16 | 1 | US-09-371-772B-7087 | Sequence 7087, Ap |
| C 705 | 10.4 | 3.6 | 16 | 1 | US-08-379-647B-187 | Sequence 187, App |
| C 706 | 10.4 | 3.6 | 16 | 1 | US-09-479-005A-259 | Sequence 259, App |
| C 707 | 10.4 | 3.6 | 16 | 1 | US-09-479-005A-334 | Sequence 334, App |
| C 708 | 10.4 | 3.6 | 16 | 1 | PCT-US96-01600-18 | Sequence 18, Appl |
| C 709 | 10.4 | 3.6 | 16 | 1 | PCT-US96-09383-8 | Sequence 8, Appl |
| C 710 | 10.2 | 3.5 | 15 | 1 | US-08-025-038-13 | Sequence 13, Appl |
| C 711 | 10.2 | 3.5 | 15 | 1 | US-08-382-521-3 | Sequence 3, Appl |
| C 712 | 10.2 | 3.5 | 15 | 1 | US-08-479-248-5 | Sequence 5, Appl |
| C 713 | 10.2 | 3.5 | 15 | 1 | US-08-182-968A-33 | Sequence 33, Appl |
| C 714 | 10.2 | 3.5 | 15 | 1 | US-08-182-968A-34 | Sequence 34, Appl |
| C 715 | 10.2 | 3.5 | 15 | 1 | US-08-182-968A-313 | Sequence 313, App |
| C 716 | 10.2 | 3.5 | 15 | 1 | US-08-182-968A-358 | Sequence 358, App |
| C 717 | 10.2 | 3.5 | 15 | 1 | US-08-182-968A-482 | Sequence 482, App |
| C 718 | 10.2 | 3.5 | 15 | 1 | US-08-241-372-1 | Sequence 1, Appl |
| C 719 | 10.2 | 3.5 | 15 | 1 | US-08-241-372-2 | Sequence 2, Appl |
| C 720 | 10.2 | 3.5 | 15 | 1 | US-08-241-372-12 | Sequence 12, Appl |
| C 721 | 10.2 | 3.5 | 15 | 1 | US-08-241-372-13 | Sequence 13, Appl |
| C 722 | 10.2 | 3.5 | 15 | 1 | US-08-376-329-3 | Sequence 3, Appl |
| C 723 | 10.2 | 3.5 | 15 | 1 | US-08-276-271-3 | Sequence 3, Appl |
| C 724 | 10.2 | 3.5 | 15 | 1 | US-08-291-932A-55 | Sequence 55, Appl |
| C 725 | 10.2 | 3.5 | 15 | 1 | US-08-291-932A-108 | Sequence 108, App |
| C 726 | 10.2 | 3.5 | 15 | 1 | US-08-334-84-453 | Sequence 453, App |
| C 727 | 10.2 | 3.5 | 15 | 1 | US-08-363-240A-22 | Sequence 22, Appl |
| C 728 | 10.2 | 3.5 | 15 | 1 | US-08-363-240A-179 | Sequence 179, App |
| C 729 | 10.2 | 3.5 | 15 | 1 | US-08-363-240A-582 | Sequence 582, App |
| C 730 | 10.2 | 3.5 | 15 | 1 | US-08-363-240A-583 | Sequence 583, App |
| C 731 | 10.2 | 3.5 | 15 | 1 | US-08-363-240A-600 | Sequence 600, App |
| C 732 | 10.2 | 3.5 | 15 | 1 | US-08-363-240A-601 | Sequence 601, App |
| C 733 | 10.2 | 3.5 | 15 | 1 | US-08-363-240A-655 | Sequence 655, App |
| C 734 | 10.2 | 3.5 | 15 | 1 | US-08-635-309-17 | Sequence 17, Appl |
| C 735 | 10.2 | 3.5 | 15 | 1 | US-08-311-486C-137 | Sequence 137, App |
| C 736 | 10.2 | 3.5 | 15 | 1 | US-08-311-486C-144 | Sequence 144, App |
| C 737 | 10.2 | 3.5 | 15 | 1 | US-08-311-486C-162 | Sequence 162, App |
| C 738 | 10.2 | 3.5 | 15 | 1 | US-08-110-294A-6 | Sequence 6, Appl |
| C 739 | 10.2 | 3.5 | 15 | 1 | US-08-110-294A-7 | Sequence 7, Appl |
| C 740 | 10.2 | 3.5 | 15 | 1 | US-08-292-620A-11 | Sequence 11, Appl |
| C 741 | 10.2 | 3.5 | 15 | 1 | US-08-292-620A-22 | Sequence 22, Appl |
| C 742 | 10.2 | 3.5 | 15 | 1 | US-08-292-620A-592 | Sequence 592, App |
| C 743 | 10.2 | 3.5 | 15 | 1 | US-08-173-489C-277 | Sequence 277, App |
| C 744 | 10.2 | 3.5 | 15 | 1 | US-08-173-489C-283 | Sequence 283, App |
| C 745 | 10.2 | 3.5 | 15 | 1 | US-08-173-489C-327 | Sequence 327, App |
| C 746 | 10.2 | 3.5 | 15 | 1 | US-08-173-489C-337 | Sequence 337, App |
| C 747 | 10.2 | 3.5 | 15 | 1 | US-08-173-489C-343 | Sequence 343, App |
| C 748 | 10.2 | 3.5 | 15 | 1 | US-08-173-489C-347 | Sequence 347, App |
| C 749 | 10.2 | 3.5 | 15 | 1 | US-08-774-306A-33 | Sequence 33, Appl |
| C 750 | 10.2 | 3.5 | 15 | 1 | US-08-774-306A-34 | Sequence 34, Appl |
| C 751 | 10.2 | 3.5 | 15 | 1 | US-08-774-306A-313 | Sequence 313, App |
| C 752 | 10.2 | 3.5 | 15 | 1 | US-08-774-306A-358 | Sequence 358, App |
| C 753 | 10.2 | 3.5 | 15 | 1 | US-08-774-306A-482 | Sequence 482, App |
| C 754 | 10.2 | 3.5 | 15 | 1 | US-08-389-926-6 | Sequence 6, Appl |
| C 755 | 10.2 | 3.5 | 15 | 1 | US-08-389-926-7 | Sequence 7, Appl |
| C 756 | 10.2 | 3.5 | 15 | 1 | US-08-613-417A-31 | Sequence 31, Appl |
| C 757 | 10.2 | 3.5 | 15 | 1 | US-08-585-684B-47 | Sequence 47, Appl |
| C 758 | 10.2 | 3.5 | 15 | 1 | US-08-585-684B-53 | Sequence 53, Appl |
| C 759 | 10.2 | 3.5 | 15 | 1 | US-08-585-684B-172 | Sequence 172, App |
| C 760 | 10.2 | 3.5 | 15 | 1 | US-08-585-684B-173 | Sequence 173, App |
| C 761 | 10.2 | 3.5 | 15 | 1 | US-08-585-684B-198 | Sequence 198, App |
| C 762 | 10.2 | 3.5 | 15 | 1 | US-08-585-684B-654 | Sequence 654, App |
| C 763 | 10.2 | 3.5 | 15 | 1 | US-08-585-684B-1201 | Sequence 1201, Ap |
| C 764 | 10.2 | 3.5 | 15 | 1 | US-08-585-684B-1263 | Sequence 1263, Ap |
| C 765 | 10.2 | 3.5 | 15 | 1 | US-08-585-684B-1279 | Sequence 1279, Ap |
| C 766 | 10.2 | 3.5 | 15 | 1 | US-08-585-684B-1358 | Sequence 1358, Ap |
| C 767 | 10.2 | 3.5 | 15 | 1 | US-08-585-684B-1379 | Sequence 1379, Ap |
| C 768 | 10.2 | 3.5 | 15 | 1 | US-08-585-684B-2105 | Sequence 2105, Ap |
| C 769 | 10.2 | 3.5 | 15 | 1 | US-08-585-684B-2106 | Sequence 2106, Ap |
| C 770 | 10.2 | 3.5 | 15 | 1 | US-08-760-870-3 | Sequence 3, Appl |
| C 771 | 10.2 | 3.5 | 15 | 1 | US-08-417-629B-9 | Sequence 9, Appl |
| C 772 | 10.2 | 3.5 | 15 | 1 | US-08-594-452-31 | Sequence 31, Appl |
| C 773 | 10.2 | 3.5 | 15 | 1 | US-08-757-024-408 | Sequence 408, App |
| C 774 | 10.2 | 3.5 | 15 | 1 | US-08-913-833-6 | Sequence 6, Appl |
| C 775 | 10.2 | 3.5 | 15 | 1 | US-09-094-714A-4 | Sequence 4, Appl |
| C 776 | 10.2 | 3.5 | 15 | 1 | US-09-258-408-31 | Sequence 31, Appl |
| C 777 | 10.2 | 3.5 | 15 | 1 | US-09-196-132-31 | Sequence 31, Appl |
| C 778 | 10.2 | 3.5 | 15 | 1 | US-09-064-156A-33 | Sequence 33, Appl |
| C 779 | 10.2 | 3.5 | 15 | 1 | US-09-064-156A-34 | Sequence 34, Appl |
| C 780 | 10.2 | 3.5 | 15 | 1 | US-09-064-156A-313 | Sequence 313, App |
| C 781 | 10.2 | 3.5 | 15 | 1 | US-09-064-156A-358 | Sequence 358, App |
| C 782 | 10.2 | 3.5 | 15 | 1 | US-09-064-156A-482 | Sequence 482, App |
| C 783 | 10.2 | 3.5 | 15 | 1 | US-09-071-845-11 | Sequence 11, Appl |
| C 784 | 10.2 | 3.5 | 15 | 1 | US-09-071-845-22 | Sequence 22, Appl |
| C 785 | 10.2 | 3.5 | 15 | 1 | US-09-071-845-592 | Sequence 592, App |
| C 786 | 10.2 | 3.5 | 15 | 1 | US-09-038-073-47 | Sequence 47, Appl |
| C 787 | 10.2 | 3.5 | 15 | 1 | US-09-038-073-53 | Sequence 53, Appl |
| C 788 | 10.2 | 3.5 | 15 | 1 | US-09-038-073-172 | Sequence 172, App |
| C 789 | 10.2 | 3.5 | 15 | 1 | US-09-038-073-173 | Sequence 173, App |
| C 790 | 10.2 | 3.5 | 15 | 1 | US-09-038-073-198 | Sequence 198, App |
| C 791 | 10.2 | 3.5 | 15 | 1 | US-09-038-073-654 | Sequence 654, App |
| C 792 | 10.2 | 3.5 | 15 | 1 | US-09-038-073-1201 | Sequence 1201, Ap |
| C 793 | 10.2 | 3.5 | 15 | 1 | US-09-038-073-1263 | Sequence 1263, Ap |
| C 794 | 10.2 | 3.5 | 15 | 1 | US-09-038-073-1279 | Sequence 1279, Ap |
| C 795 | 10.2 | 3.5 | 15 | 1 | US-09-038-073-1358 | Sequence 1358, Ap |
| C 796 | 10.2 | 3.5 | 15 | 1 | US-09-038-073-1379 | Sequence 1379, Ap |
| C 797 | 10.2 | 3.5 | 15 | 1 | US-09-038-073-2105 | Sequence 2105, Ap |
| C 798 | 10.2 | 3.5 | 15 | 1 | US-09-038-073-2106 | Sequence 2106, Ap |
| C 799 | 10.2 | 3.5 | 15 | 1 | US-08-410-390-2 | Sequence 2, Appl |
| C 800 | 10.2 | 3.5 | 15 | 1 | US-09-490-273A-7 | Sequence 7, Appl |
| C 801 | 10.2 | 3.5 | 15 | 1 | US-09-368-089-1 | Sequence 1, Appl |
| C 802 | 10.2 | 3.5 | 15 | 1 | US-09-225-048-1 | Sequence 1, Appl |
| C 803 | 10.2 | 3.5 | 15 | 1 | US-09-580-794C-6 | Sequence 6, Appl |
| C 804 | 10.2 | 3.5 | 15 | 1 | US-09-081-646-268 | Sequence 268, App |
| C 805 | 10.2 | 3.5 | 15 | 1 | US-09-081-646-439 | Sequence 439, App |
| C 806 | 10.2 | 3.5 | 15 | 1 | US-09-081-646-477 | Sequence 477, App |
| C 807 | 10.2 | 3.5 | 15 | 1 | US-09-081-646-569 | Sequence 569, App |
| C 808 | 10.2 | 3.5 | 15 | 1 | US-09-081-646-843 | Sequence 843, App |
| C 809 | 10.2 | 3.5 | 15 | 1 | US-08-337-120A-25 | Sequence 25, Appl |
| C 810 | 10.2 | 3.5 | 15 | 1 | US-09-531-000-54 | Sequence 54, Appl |
| C 811 | 10.2 | 3.5 | 15 | 1 | US-09-295-961-1 | Sequence 1, Appl |
| C 812 | 10.2 | 3.5 | 15 | 1 | US-09-295-961-2 | Sequence 2, Appl |
| C 813 | 10.2 | 3.5 | 15 | 1 | US-09-822-763-1 | Sequence 1, Appl |
| C 814 | 10.2 | 3.5 | 15 | 1 | US-10-032-307-80 | Sequence 80, Appl |
| C 815 | 10.2 | 3.5 | 15 | 1 | PCT-US92-08094-65 | Sequence 65, Appl |
| C 816 | 10.2 | 3.5 | 15 | 1 | PCT-US95-05420-1 | Sequence 1, Appl |
| C 817 | 10.2 | 3.5 | 15 | 1 | PCT-US95-05420-2 | Sequence 2, Appl |
| C 818 | 10.2 | 3.5 | 15 | 1 | PCT-US95-05420-12 | Sequence 12, Appl |
| C 819 | 10.2 | 3.5 | 15 | 1 | PCT-US95-05420-13 | Sequence 13, Appl |
| C 820 | 10.2 | 3.5 | 15 | 1 | PCT-US95-09237-3 | Sequence 3, Appl |
| C 821 | 10.2 | 3.5 | 15 | 1 | PCT-US95-11985A-19 | Sequence 19, Appl |
| C 822 | 10.2 | 3.5 | 15 | 1 | 5206353-3 | Patent No. 5206353 |
| C 823 | 10.2 | 3.5 | 15 | 1 | 5428143-2 | Patent No. 5428143 |
| C 824 | 10.2 | 3.5 | 16 | 1 | US-09-371-772B-6987 | Sequence 6987, Ap |
| C 825 | 10.2 | 3.5 | 17 | 1 | US-08-373-124A-1619 | Sequence 1619, Ap |
| C 826 | 10.2 | 3.5 | 17 | 1 | US-08-435-628-1619 | Sequence 1619, Ap |
| C 827 | 10.2 | 3.5 | 18 | 1 | US-09-422-978-6172 | Sequence 6172, Ap |
| C 828 | 10.2 | 3.4 | 19 | 1 | US-09-474-922A-84 | Sequence 84, Appl |
| C 829 | 10.2 | 3.4 | 18 | 1 | US-08-390-850-1060 | Sequence 1060, Ap |
| C 830 | 10.2 | 3.4 | 18 | 1 | US-08-435-634-1060 | Sequence 1060, Ap |

ALIGNMENTS

RESULT 1


```

US-09-065-474-152/c
; Sequence 152, Application US/09065474
; Patent No. 6063599
; GENERAL INFORMATION:
; APPLICANT: Tang, Liang
; APPLICANT: Blehm, E. Scott
; TITLE OF INVENTION: DIROFILARIA AND BRUGIA ANKYRIN
; TITLE OF INVENTION: PROTEINS, NUCLEIC ACID MOLECULES, AND
; TITLE OF INVENTION: USES THEREOF
; NUMBER OF SEQUENCES: 171
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Carol Talkington Verser, Ph.D.
; ADDRESSEE: Heska Corporation
; STREET: 1825 Sharp Point Drive
; CITY: Fort Collins
; STATE: Colorado
; COUNTRY: USA
; ZIP: 80525
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: Windows 95
; SOFTWARE: WordPerfect for Windows, Version 7.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/065,474
; FILING DATE: 24-APR-1998
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Verser, Carol Talkington
; REGISTRATION NUMBER: 37,459
; REFERENCE/DOCKET NUMBER: HW-5-C1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 970/484-9505
; TELEFAX: 970/484-9505
; INFORMATION FOR SEQ ID NO: 152:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Primer
; US-09-065-474-152

Query Match 5.9%; Score 17.2; DB 1; Length 24;
Best Local Similarity 86.4%; Pred. No. 27;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 905 CTGCGATCAGATTATCATCACC 926
DB 22 CTGTGATCTGATTATCTTCACC 1

RESULT 3
US-08-863-639A-19/c
; Sequence 19, Application US/08863639A
; Patent No. 5981185
; GENERAL INFORMATION:
; APPLICANT: Matson, Robert S.
; APPLICANT: Coassin, Peter J.
; APPLICANT: Rampal, Jang B.
; APPLICANT: Caskey, C. T.
; TITLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS
; NUMBER OF SEQUENCES: 95
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sheldon & Mak
; STREET: 225 South Lake Avenue, 9th Floor
; CITY: Pasadena
; STATE: CA
; COUNTRY: USA
; ZIP: 91101
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
; COMPUTER: IBM compatible
; OPERATING SYSTEM: Windows 95
; SOFTWARE: Corel WordPerfect 8 version
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/863,639A
; FILING DATE: May 28, 1997
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Joseph E. Mueth
; REGISTRATION NUMBER: 20,532
; REFERENCE/DOCKET NUMBER: 11859-1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (626) 796-4000
; TELEFAX: (626) 795-6321
; INFORMATION FOR SEQ ID NO: 19:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 base pairs

US-09-557-034-152/c
; Sequence 152, Application US/09557034
; Patent No. 6365569
; GENERAL INFORMATION:
; APPLICANT: Tang, Liang
; APPLICANT: Blehm, E. Scott
; TITLE OF INVENTION: DIROFILARIA AND BRUGIA ANKYRIN
; TITLE OF INVENTION: PROTEINS, NUCLEIC ACID MOLECULES, AND
; TITLE OF INVENTION: USES THEREOF
; NUMBER OF SEQUENCES: 171
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Carol Talkington Verser, Ph.D.
; ADDRESSEE: Hesk Corporation
; STREET: 1825 Sharp Point Drive
; CITY: Fort Collins
; STATE: Colorado
; COUNTRY: USA
; ZIP: 80525
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk

US-09-065-474-152
; Sequence 152, Application US/09065474
; Patent No. 6063599
; GENERAL INFORMATION:
; APPLICANT: Tang, Liang
; APPLICANT: Blehm, E. Scott
; TITLE OF INVENTION: DIROFILARIA AND BRUGIA ANKYRIN
; TITLE OF INVENTION: PROTEINS, NUCLEIC ACID MOLECULES, AND
; TITLE OF INVENTION: USES THEREOF
; NUMBER OF SEQUENCES: 171
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Carol Talkington Verser, Ph.D.
; ADDRESSEE: Hesk Corporation
; STREET: 1825 Sharp Point Drive
; CITY: Fort Collins
; STATE: Colorado
; COUNTRY: USA
; ZIP: 80525
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk

US-09-065-474-152
; Sequence 152, Application US/09065474
; Patent No. 6063599
; GENERAL INFORMATION:
; APPLICANT: Tang, Liang
; APPLICANT: Blehm, E. Scott
; TITLE OF INVENTION: DIROFILARIA AND BRUGIA ANKYRIN
; TITLE OF INVENTION: PROTEINS, NUCLEIC ACID MOLECULES, AND
; TITLE OF INVENTION: USES THEREOF
; NUMBER OF SEQUENCES: 171
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Carol Talkington Verser, Ph.D.
; ADDRESSEE: Hesk Corporation
; STREET: 1825 Sharp Point Drive
; CITY: Fort Collins
; STATE: Colorado
; COUNTRY: USA
; ZIP: 80525
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk

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; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Other nucleic acid
US-08-863-639A-19

Query Match      5.7%; Score 16.4; DB 1; Length 24;
Best Local Similarity 94.1%; Pred. No. 42;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 915 ATTATCATCACCACCACC 932
DB 22 ATCATCATCACCACCACC 5

RESULT 4
US-09-422-978-6172/c
; Sequence 6172, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Il'ya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 6172
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..19
; OTHER INFORMATION: upstream amplification primer 99-9513 for SEQ 2238,
US-09-422-978-6172

Query Match      5.3%; Score 15.4; DB 1; Length 19;
Best Local Similarity 94.1%; Pred. No. 44;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 873 CACTTCCCTGAGATGCA 889
DB 17 CACTTCCCTGAGATGCA 1

RESULT 5
US-09-198-452A-5931/c
; Sequence 5931, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Grifffais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 5931
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-5931

Query Match      5.3%; Score 15.4; DB 1; Length 20;
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Best Local Similarity 94.1%; Pred. No. 49;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 728 CTGGTCATAGGACTTGG 744
DB 17 CTGGTCATAGGACTTGG 1

RESULT 6
US-08-117-952-401
; Sequence 401, Application US/08117952
; Patent No. 5851760
; GENERAL INFORMATION:
; APPLICANT: Evans, Glen A.
; APPLICANT: Smith, Michael W.
; TITLE OF INVENTION: METHOD FOR GENERATION OF SEQUENCE
; TITLE OF INVENTION: SAMPLED MAPS OF COMPLEX GENOMES
; NUMBER OF SEQUENCES: 797
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pretty, Schroeder, Brueggemann & Clark
; STREET: 444 South Flower Street, Suite 2000
; CITY: Los Angeles
; STATE: CA
; COUNTRY: USA
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/117,952
; FILING DATE: 07-SEP-1993
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/078,471
; FILING DATE: 15-JUN-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Reiter, Stephen E.
; REGISTRATION NUMBER: 31,192
; REFERENCE/DOCKET NUMBER: P41 9423
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 619-546-4737
; TELEFAX: 619-546-9392
; INFORMATION FOR SEQ ID NO: 401:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Oligonucleotide
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
US-08-117-952-401

Query Match      5.2%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 60;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 959 CCAATTGACTCTCTAAATC 978
DB 1 CCAATTGCTCTCCCTAAATC 20

RESULT 7
US-09-026-601-28
; Sequence 28, Application US/09026601
; Patent No. 6358680
; GENERAL INFORMATION:
; APPLICANT: Beck, James J.
; TITLE OF INVENTION: Detection of Wheat and Barley Fungal
; TITLE OF INVENTION: Pathogens Using the Polymerase Chain Reaction
; NUMBER OF SEQUENCES: 41
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COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/311,486C
FILING DATE: September 23, 1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/166
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 18
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-311-486C-7

Query Match 5.1%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 54;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 840 TCCTGAAGACAGCGTCC 857
DB 18 TGCTGAAGACAGCTTCC 1

RESULT 11
US-08-311-486C-9/c
Sequence 9, Application US/08311486C
Patent No. 5811300
GENERAL INFORMATION:
APPLICANT: Sean Sullivan
APPLICANT: Kenneth Draper
APPLICANT: Kevin Kisich
APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwiggen
TITLE OF INVENTION: RIBOZYME TREATMENT OF
TITLE OF INVENTION: DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: TNF-
NUMBER OF SEQUENCES: 1157
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/311,486C

FILING DATE: September 23, 1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/166
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 18
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-311-486C-9

Query Match 5.1%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 54;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 840 TCCTGAAGACAGCGTCC 857
DB 18 TGCTGAAGACAGCTTCC 1

RESULT 12
US-08-311-486C-1152/c
Sequence 1152, Application US/08311486C
Patent No. 5811300
GENERAL INFORMATION:
APPLICANT: Sean Sullivan
APPLICANT: Kenneth Draper
APPLICANT: Kevin Kisich
APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwiggen
TITLE OF INVENTION: RIBOZYME TREATMENT OF
TITLE OF INVENTION: DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: TNF-
NUMBER OF SEQUENCES: 1157
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/311,486C
FILING DATE: September 23, 1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849

two

two

two

```
/ FILING DATE: December 7, 1992
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Warburg, Richard J.
/ REGISTRATION NUMBER: 32,327
/ REFERENCE/DOCKET NUMBER: 209/166
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (213) 489-1600
/ TELEFAX: (213) 955-0440
/ TELEX: 67-3510
/ INFORMATION FOR SEQ ID NO: 1152:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 18 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ US-08-311-486C-1152

Query Match 5.1%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 54;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 840 TCTCTGAAGACAGCGTCC 857
Db 18 TGTCTGAAGACAGCTTCC 1

RESULT 13
US-08-773-297-25/c
; Sequence 25, Application US/08773297
; Patent No. 5837855
; GENERAL INFORMATION:
; APPLICANT: Chowrira, Bharat
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: HAIRPIN RIBOZYMES
; NUMBER OF SEQUENCES: 48
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: Storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/773,297
; FILING DATE: December 23, 1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/321,993
; FILING DATE: October 11, 1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 223/225
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 25:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
/ US-08-773-297-25

Query Match 5.1%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 54;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 840 TCTCTGAAGACAGCGTCC 857
Db 18 TGTCTGAAGACAGCTTCC 1

RESULT 14
US-08-773-297-27/c
; Sequence 27, Application US/08773297
; Patent No. 5837855
; GENERAL INFORMATION:
; APPLICANT: Chowrira, Bharat
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: HAIRPIN RIBOZYMES
; NUMBER OF SEQUENCES: 48
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: Storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/773,297
; FILING DATE: December 23, 1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/321,993
; FILING DATE: October 11, 1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 223/225
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 27:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
/ US-08-773-297-27

Query Match 5.1%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 54;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 840 TCTCTGAAGACAGCGTCC 857
Db 18 TGTCTGAAGACAGCTTCC 1

RESULT 15
US-08-098-293-25/c
; Sequence 25, Application US/09098293
; Patent No. 6022962
; GENERAL INFORMATION:
; APPLICANT: Chowrira, Bharat
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: HAIRPIN RIBOZYMES
; NUMBER OF SEQUENCES: 48
; CORRESPONDENCE ADDRESS:
```

ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/098,293
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/773,297
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 223/225
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 25:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-098-293-25

Query Match 5.1%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 54;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 840 TCTCTGAAGACAGCGTCC 857
Db 18 TGTCTGAAGACAGCTTCC 1

RESULT 16
US-09-098-293-27/c
Sequence 27, Application US/09098293
Patent No. 6022962
GENERAL INFORMATION:
APPLICANT: Chowrira, Bharat
APPLICANT: McSwiggen, James
TITLE OF INVENTION: HAIRPIN RIBOZYMES
NUMBER OF SEQUENCES: 48
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/098,293
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/773,297
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 223/225
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 27:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-098-293-27

Query Match 5.1%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 54;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 840 TCTCTGAAGACAGCGTCC 857
Db 18 TGTCTGAAGACAGCTTCC 1

RESULT 17
US-09-140-580-3
Sequence 3, Application US/09140580
Patent No. 6432703
GENERAL INFORMATION:
APPLICANT: Kallender, Howard
TITLE OF INVENTION: ratC
FILE REFERENCE: GM10164
CURRENT APPLICATION NUMBER: US/09/140,580
CURRENT FILING DATE: 1998-08-26
NUMBER OF SEQ ID NOS: 4
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO: 3
LENGTH: 20
TYPE: DNA
ORGANISM: Streptococcus pneumoniae
US-09-140-580-3

Query Match 5.1%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 67;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 940 GAATTTTACGCAAGAAGA 957
Db 3 GAAATTTACGCAAGAAGA 20

RESULT 18
US-09-676-610B-55
Sequence 55, Application US/09676610B
Patent No. 644465
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Jacqueline Wyatt
APPLICANT: Susan M. Freier
TITLE OF INVENTION: OLIGONUCLEOTIDE INHIBITION OF HER-1 EXPRESSION
FILE REFERENCE: RTS-0138
CURRENT APPLICATION NUMBER: US/09/676,610B
CURRENT FILING DATE: 2000-09-29
NUMBER OF SEQ ID NOS: 182
SEQ ID NO: 55
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide

US-09-676-610B-55

Query Match 5.1%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 67;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 895 TTCTCAGCTTCGCGATC 912
|||||
Db 2 TTCTCACCTTCGGGATC 19
|||||

RESULT 19

US-08-155-938-5/c
; Sequence 5, Application US/08155938
; Patent No. 6004826

; GENERAL INFORMATION:
; APPLICANT: Segev, David
; TITLE OF INVENTION: PROCESS FOR AMPLIFYING AND DETECTING
; NUCLEIC ACID SEQUENCES
; NUMBER OF SEQUENCES: 42
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: ImClone Systems Incorporated
; STREET: 180 Varick Street
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10014

; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/155,938
; FILING DATE:
; CLASSIFICATION: 435

; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/07/841,649
; FILING DATE:
; APPLICATION NUMBER: US 07/221,750
; FILING DATE: 20-JUL-1988
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/784,749
; FILING DATE: 28-OCT-1991

; ATTORNEY/AGENT INFORMATION:
; NAME: Felt, Irving N.
; REGISTRATION NUMBER: 28,601
; REFERENCE/DOCKET NUMBER: SEG-1-CP
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-645-1405
; TELEFAX: 212-645-2054
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)

US-08-155-938-5

Query Match 5.0%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 82;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 829 GTCTCTTTTCTCTCTGAAG 849
|||||
Db 21 GGCTCTGGTCTGCTCTGAAG 1
|||||

RESULT 20

US-08-155-938-6
; Sequence 6, Application US/08155938
; Patent No. 6004826

GENERAL INFORMATION:

; APPLICANT: Segev, David
; TITLE OF INVENTION: PROCESS FOR AMPLIFYING AND DETECTING
; NUCLEIC ACID SEQUENCES
; NUMBER OF SEQUENCES: 42
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: ImClone Systems Incorporated
; STREET: 180 Varick Street
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10014

; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/155,938
; FILING DATE:
; CLASSIFICATION: 435

; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/07/841,649
; FILING DATE:
; APPLICATION NUMBER: US 07/221,750
; FILING DATE: 20-JUL-1988
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/784,749
; FILING DATE: 28-OCT-1991

; ATTORNEY/AGENT INFORMATION:
; NAME: Felt, Irving N.
; REGISTRATION NUMBER: 28,601
; REFERENCE/DOCKET NUMBER: SEG-1-CP
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-645-1405
; TELEFAX: 212-645-2054
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)

US-08-155-938-6

Query Match 5.0%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 82;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 828 TGCTCTTTTCTCTCTGAAG 848
|||||
Db 1 TGGCTCTGGTCTGCTCTGAAG 21
|||||

RESULT 21

US-08-155-938-9/c
; Sequence 9, Application US/08155938
; Patent No. 6004826

; GENERAL INFORMATION:
; APPLICANT: Segev, David
; TITLE OF INVENTION: PROCESS FOR AMPLIFYING AND DETECTING
; NUCLEIC ACID SEQUENCES
; NUMBER OF SEQUENCES: 42
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: ImClone Systems Incorporated
; STREET: 180 Varick Street
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10014
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA: US/08/155,938
APPLICATION NUMBER: US/08/155,938
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/841,649
FILING DATE:
APPLICATION NUMBER: US 07/221,750
FILING DATE: 20-JUL-1988
APPLICATION DATA:
APPLICATION NUMBER: US 07/784,749
FILING DATE: 28-OCT-1991
ATTORNEY/AGENT INFORMATION:
NAME: Feit, Irving N.
REGISTRATION NUMBER: 28,601
REFERENCE/DOCKET NUMBER: SEG-1-CP
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-645-1405
TELEFAX: 212-645-2054
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-155-938-9

Query Match 5.0%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 82;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 829 GTCTCTTTTCTCTCTGAAG 849
Db 21 GGCTCTGGTCTGCTGAAGA 1

RESULT 22
US-08-155-938-10
Sequence 10, Application US/08155938
Patent No. 6004826
GENERAL INFORMATION:
APPLICANT: Segev, David
TITLE OF INVENTION: PROCESS FOR AMPLIFYING AND DETECTING
TITLE OF INVENTION: NUCLEIC ACID SEQUENCES
NUMBER OF SEQUENCES: 42
CORRESPONDENCE ADDRESS:
ADDRESSEE: ImClone Systems Incorporated
STREET: 180 Varick Street
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10014
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/155,938
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/841,649
FILING DATE:
APPLICATION NUMBER: US 07/221,750
FILING DATE: 20-JUL-1988
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/784,749
FILING DATE: 28-OCT-1991
ATTORNEY/AGENT INFORMATION:

NAME: Feit, Irving N.
REGISTRATION NUMBER: 28,601
REFERENCE/DOCKET NUMBER: SEG-1-CP
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-645-1405
TELEFAX: 212-645-2054
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-155-938-10

Query Match 5.0%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 82;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 828 TGCTCTTTTCTCTCTGAAG 848
Db 1 TGGCTCTGGTCTGCTGAAG 21

RESULT 23

US-09-422-978-10230
Sequence 10230, Application US/09422978
Patent No. 6537751
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 10230
LENGTH: 21
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..21
OTHER INFORMATION: downstream amplification primer 99-10630 for SEQ 2365, in compleme
US-09-422-978-10230

Query Match 5.0%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 82;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 968 CTCTCTAAATCTGCTGATGG 988
Db 1 CTCATTCAATCTGCTGATGG 21

RESULT 24

US-08-321-478-10
Sequence 10, Application US/08321478
Patent No. 5527677
GENERAL INFORMATION:
APPLICANT: DEGUCHI, Takeo
APPLICANT: KINOSHITA, Moritoshi
APPLICANT: KATSURAGI, Kiyonori
APPLICANT: SHIN, Sadahito
TITLE OF INVENTION: HUMAN ARYLAMINE N-ACETYLTRANSFERASE
TITLE OF INVENTION: GENES

NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sughrue, Mion, Zinn, Macpeak & Seas
STREET: 2100 Pennsylvania Avenue, N.W.
CITY: Washington
STATE: D.C.
COUNTRY: United States
ZIP: 20037-3202
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/321,478
FILING DATE: 11-OCT-1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/038,667
FILING DATE: 23-MAR-1993
APPLICATION NUMBER: JP 64669/1992
FILING DATE: 23-MAR-1992
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 293-7060
TELEFAX: (202) 293-7860
TELEX: 6491103
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-321-478-10

Query Match 4.9%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 92;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 890 CTTACTCTCAGCTTCTGC 908
DB 1 CTTAATTCATCTCTGC 19

RESULT 25
US-09-313-932-346/c
Sequence 346, Application US/09313932A
Patent No. 6228642
GENERAL INFORMATION:
APPLICANT: Baker, Brenda
APPLICANT: Bennett, C. Frank
APPLICANT: Butler, Madeline M.
APPLICANT: Shanahan, William R.
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-
FILE REFERENCE: ISPH-0356
CURRENT APPLICATION NUMBER: US/09/313,932A
CURRENT FILING DATE: 1999-05-18
NUMBER OF SEQ ID NOS: 501
SEQ ID NO 346
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic
US-09-313-932-346

Query Match 4.9%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 92;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 939 AGAATTTTACGCAAGA 957
||||| ||||| ||||| |||||

Db 19 AGAACTTTTAAGCAACAAGA 1

RESULT 26
US-09-198-452A-4115
Sequence 4115, Application US/09198452A
Patent No. 6559294
GENERAL INFORMATION:
APPLICANT: Griffiths, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments thereof and uses thereof, in particular for the diagnosis, prevention and treatment of infection
FILE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 4115
LENGTH: 20
TYPE: DNA
ORGANISM: Chlamydia pneumoniae
US-09-198-452A-4115

Query Match 4.9%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 92;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 928 CCACCTCCAGAGATTTT 946
DB 2 CCATCCTCCGAGTATTTT 20
||||| ||||| ||||| |||||

RESULT 27
US-08-179-738-18
Sequence 18, Application US/08179738
Patent No. 5578462
GENERAL INFORMATION:
APPLICANT: Seizinger, Bernd R.
APPLICANT: Kley, Nikolai A.
APPLICANT: Bianchi, Albert B.
TITLE OF INVENTION: No. 5578462el NF2 Isoforms
NUMBER OF SEQUENCES: 26
CORRESPONDENCE ADDRESS:
ADDRESSEE: Reed & Robins
STREET: 635 Bryant Street
CITY: Palo Alto
STATE: California
COUNTRY: U.S.A
ZIP: 94301
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/179,738
FILING DATE: 10-JAN-1994
CLASSIFICATION: 530
ATTORNEY/AGENT INFORMATION:
NAME: Robins, Roberta L.
REGISTRATION NUMBER: 33,208
REFERENCE/DOCKET NUMBER: 5998-0017
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 617-8999
TELEFAX: (415) 327-3231
INFORMATION FOR SEQ ID NO: 18:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-08-179-738-18

```

Query Match          4.9%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+02; 3; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 891 TTACTTCTCAGCTCTGCG 909
Db 1 TTCCTGCTCAGCCTCTGCG 19

RESULT 28
US-08-628-145-18
; Sequence 18, Application US/08628145
; Patent No. 5872214
; GENERAL INFORMATION:
; APPLICANT: Seizinger, Bernd R.
; APPLICANT: Kley, Nikolai A.
; APPLICANT: Bishchi, Albert B.
; TITLE OF INVENTION: No. 5872214el NF2 Isoforms
; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Reed & Robins
; STREET: 635 Bryant Street
; CITY: Palo Alto
; STATE: California
; COUNTRY: U.S.A
; ZIP: 94301
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/628,145
; FILING DATE: 04-APR-1996
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/179,738
; FILING DATE: 10-JAN-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Robins, Roberta L.
; REGISTRATION NUMBER: 33,208
; REFERENCE/DOCKET NUMBER: 5998-0017
; TELEPHONE: (415) 617-8999
; TELEFAX: (415) 327-3231
; INFORMATION FOR SEQ ID NO: 18:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
US-08-628-145-18

Query Match          4.9%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+02; 3; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 891 TTACTTCTCAGCTCTGCG 909
Db 1 TTCCTGCTCAGCCTCTGCG 19

RESULT 29
US-09-341-444A-27/c
; Sequence 27, Application US/09341444A
; Patent No. 6440666
; GENERAL INFORMATION:
; APPLICANT: Groehen, Martinus Antonius Mathilda
; APPLICANT: Albers, Gerardus Antonius Arnoldus
; TITLE OF INVENTION: Selection For Dwarfism in Poultry
; FILE REFERENCE: 310-1009
; CURRENT APPLICATION NUMBER: US/09/341,444A

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; CURRENT FILING DATE: 1999-08-25
; PRIOR APPLICATION NUMBER: PCT/NL98/00021
; PRIOR FILING DATE: 1998-01-12
; PRIOR APPLICATION NUMBER: EP 97200070.7
; PRIOR FILING DATE: 1997-01-10
; NUMBER OF SEQ ID NOS: 34
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 27
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Unknown
; FEATURE:
; OTHER INFORMATION: OTHER INFORMATION:Oligonucleotide primer
US-09-341-444A-27

Query Match          4.9%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+02; 3; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 926 CACCACCCCTCAGAGAATT 944
Db 19 CACCACCCCTCAGTGAAGT 1

RESULT 30
US-09-461-697-299
; Sequence 299, Application US/09461697
; Patent No. 6277974
; GENERAL INFORMATION:
; APPLICANT: COGENT NEUROSCIENCE, Inc.
; APPLICANT: Lo, Donald C.
; APPLICANT: Barney, Shawn
; APPLICANT: Thomas, Mary Beth
; APPLICANT: Portbury, Stuart D.
; APPLICANT: Putanam, Kasturi
; APPLICANT: Katz, Lawrence C.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING
; TITLE OF INVENTION: AND TREATING CONDITIONS, DISORDERS, OR DISEASES INVOLVING
; FILE REFERENCE: 10001-005-999
; CURRENT APPLICATION NUMBER: US/09/461,697
; CURRENT FILING DATE: 1999-12-14
; NUMBER OF SEQ ID NOS: 466
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 299
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-461-697-299

Query Match          4.8%; Score 14; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 82;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 979 TGGTGTATGGGTAT 992
Db 2 TGGTGTATGGGTAT 15

RESULT 31
US-08-373-124A-1573
; Sequence 1573, Application US/08373124A
; Patent No. 5646042
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:

```

ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/373.124
FILING DATE: January 13, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1573:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-373-124A-1573
Query Match 4.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 81;
Matches 11; Conservative 4; Mismatches 2; Indels 0; Gaps 0;
QY 799 AGAGCTCTCTCCAACT 815
DB 1 AAAGCUCUCCUGAACU 17
RESULT 32
US-08-435-628-1573
Sequence 1573, Application US/08435628
Patent No. 581796
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwiggen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TREATMENT OF RESTENOSIS AND
CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/435,628
FILING DATE: 05-MAY-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/373,124
FILING DATE: January 13, 1995
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1573:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-435-628-1573
Query Match 4.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 81;
Matches 11; Conservative 4; Mismatches 2; Indels 0; Gaps 0;
QY 799 AGAGCTCTCTCCAACT 815
DB 1 AAAGCUCUCCUGAACU 17
RESULT 33
US-09-289-466-22/c
Sequence 22, Application US/09289466A
Patent No. 6124272
GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Lex M. Cowser
TITLE OF INVENTION: ANTISENSE MODULATION OF PDK-1 EXPRESSION
FILE REFERENCE: RTS-0060
CURRENT APPLICATION NUMBER: US/09/289,466A
CURRENT FILING DATE: 1999-04-09
NUMBER OF SEQ ID NOS: 86
SEQ ID NO 22
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-289-466-22
Query Match 4.8%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 91;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 929 CACCTCCAGAGATT 945
DB 17 CAACCTCCAGAGATAT 1

RESULT 34

US-09-077-619-6
; Sequence 6, Application US/09077619
; Patent No. 6500614
; GENERAL INFORMATION:
; APPLICANT: ARGUELLO, Rafael
; APPLICANT: AVAKIAN, Hovanes
; APPLICANT: MADRIGAL, Alejandro
; TITLE OF INVENTION: METHOD FOR IDENTIFYING AN UNKNOWN ALLELE
; FILE REFERENCE: 028979/0104
; CURRENT APPLICATION NUMBER: US/09/077,619
; CURRENT FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: PCT/GB96/02959
; PRIOR FILING DATE: 1996-11-29
; PRIOR APPLICATION NUMBER: GB 9524381.2
; PRIOR FILING DATE: 1995-11-29
; NUMBER OF SEQ ID NOS: 46
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-077-619-6

Query Match 4.8%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 91;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 929 CACCTCCACAGAAATT 945
DB 2 CACCTCCACAGGATCT 18
|||||

RESULT 35

US-09-466-257A-6
; Sequence 6, Application US/09466257A
; Patent No. 6337190
; GENERAL INFORMATION:
; APPLICANT: Hwang, Tzann-Shun
; APPLICANT: Wu, Szu-Pei
; APPLICANT: Chou, Hsin-Hua
; APPLICANT: Chen, Hwa-Yi
; APPLICANT: Lin, Lung-Shen
; APPLICANT: Tsai, Hsin
; APPLICANT: Chang, Edward
; TITLE OF INVENTION: A No. 6337190el D-Amino Acid Aminotransferase For
; TITLE OF INVENTION: Simultaneously Producing
; FILE REFERENCE: Glutaryl-7-Aminocephalosporanic Acid And D-Amino Acid
; FILE REFERENCE: 1476-4003
; CURRENT APPLICATION NUMBER: US/09/466,257A
; CURRENT FILING DATE: 1999-12-17
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 6
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: pTrc-R primer
US-09-466-257A-6

Query Match 4.8%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 901 GCTTCGGCATCAGATT 917
DB 1 GCTTCGGCTTCTGATT 17
|||||

RESULT 36

US-08-117-952-537
; Sequence 537, Application US/08117952

; Patent No. 5851760
; GENERAL INFORMATION:

; APPLICANT: Evans, Glen A.
; APPLICANT: Smith, Michael W.
; TITLE OF INVENTION: METHOD FOR GENERATION OF SEQUENCE
; TITLE OF INVENTION: SAMPLED MAPS OF COMPLEX GENOMES
; NUMBER OF SEQUENCES: 797
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pretty, Schroeder, Brueggemann & Clark
; STREET: 444 South Flower Street, Suite 2000
; CITY: Los Angeles
; STATE: CA
; COUNTRY: USA
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/117,952
; FILING DATE: 07-SEP-1993
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/078,471
; FILING DATE: 15-JUN-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Reiter, Stephen E.
; REGISTRATION NUMBER: 31,192
; REFERENCE/DOCKET NUMBER: P41 9423
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 619-546-4737
; TELEFAX: 619-546-9392
; INFORMATION FOR SEQ ID NO: 537:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Oligonucleotide
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
US-08-117-952-537

Query Match 4.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 823 GGCTGTGTCCTCTTCT 839
DB 3 GGCTGTGTCCTCTTCT 19
|||||

RESULT 37

US-08-777-266A-22
; Sequence 22, Application US/08777266A
; Patent No. 6077833
; GENERAL INFORMATION:
; APPLICANT: Clarence Frank Bennett
; APPLICANT: Timothy A. Vickers
; TITLE OF INVENTION: Oligonucleotide Compositions and
; TITLE OF INVENTION: Methods for the Modulation of the Expression of B7 Proteins
; NUMBER OF SEQUENCES: 125
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 210 Lake Drive East, Suite 201
; CITY: Cherry Hill
; STATE: NJ
; COUNTRY: USA
; ZIP: 08002
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IBM PS/2

```

; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/777,266A
; FILING DATE: December 31, 1996
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0201
; TELEPHONE: (609) 779-2400
; TELEFAX: (609) 779-8488
; INFORMATION FOR SEQ ID NO: 22:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-08-777-266A-22

Query Match 4.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 762 TAGGCTCCACTTCTGA 778
DB 4 TAAGACTCCACTTCTGA 20

RESULT 38
US-09-326-186B-22
; Sequence 22, Application US/09326186B
; Patent No. 6319906
; GENERAL INFORMATION:
; APPLICANT: Bennett, Clarence Frank
; APPLICANT: Vickers, Timothy A.
; TITLE OF INVENTION: Oligonucleotide Compositions and Methods for the
; FILE REFERENCE: ISPH-0376
; CURRENT APPLICATION NUMBER: US/09/326,186B
; CURRENT FILING DATE: 1999-06-04
; PRIOR APPLICATION NUMBER: 08/777,266
; PRIOR FILING DATE: 1996-12-31
; NUMBER OF SEQ ID NOS: 226
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 22
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
; US-09-326-186B-22

Query Match 4.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 762 TAGGCTCCACTTCTGA 778
DB 4 TAAGACTCCACTTCTGA 20

RESULT 39
US-09-732-199A-37
; Sequence 37, Application US/09732199A
; Patent No. 6379960
; GENERAL INFORMATION:
; APPLICANT: Ian Popoff
; OPERATING SYSTEM: PC-DOS
; COMPUTER: IBM PS/2
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; ZIP: 08002
; COUNTRY: USA
; STATE: NJ
; CITY: Cherry Hill
; STREET: 210 Lake Drive East, Suite 201
; ADDRESS: Woodland Falls Corporate Park
; CORRESPONDENCE ADDRESS:
; NUMBER OF SEQUENCES: 85
; TITLE OF INVENTION: Oligonucleotide Modulation
; TITLE OF INVENTION: of Cell Adhesion
; APPLICANT: Bennett and Mirabelli
; GENERAL INFORMATION:
; Patent No. 5514788
; Sequence 67, Application US/08063167A
; US-08-063-167A-67
; RESULT 41
; Sequence 67, Application US/08063167A
; Patent No. 5514788
; GENERAL INFORMATION:
; APPLICANT: Bennett and Mirabelli
; TITLE OF INVENTION: Oligonucleotide Modulation
; TITLE OF INVENTION: of Cell Adhesion
; NUMBER OF SEQUENCES: 85
; CORRESPONDENCE ADDRESS:
; ADDRESS: Woodland Falls Corporate Park
; STREET: 210 Lake Drive East, Suite 201
; CITY: Cherry Hill
; STATE: NJ
; COUNTRY: USA
; ZIP: 08002
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; 
```

```

; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF DAMAGE-SPECIFIC DNA BINDING PROTEIN 2, P4
; FILE REFERENCE: RTS-0214
; CURRENT APPLICATION NUMBER: US/09/732,199A
; CURRENT FILING DATE: 2000-12-06
; NUMBER OF SEQ ID NOS: 57
; SEQ ID NO 37
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
; US-09-732-199A-37

Query Match 4.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 853 CGTCTGGCTCCAGTTG 869
DB 2 CCTCTGGCTCCAGATG 18

RESULT 40
US-09-659-845A-116
; Sequence 116, Application US/09659845A
; Patent No. 6492170
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 9 EXPRESSION
; FILE REFERENCE: RTS-0183
; CURRENT APPLICATION NUMBER: US/09/659,845A
; CURRENT FILING DATE: 2001-07-23
; NUMBER OF SEQ ID NOS: 174
; SEQ ID NO 116
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
; US-09-659-845A-116

Query Match 4.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 752 CCAGGTCCTTAGGCT 769
DB 4 CCAGGTCCTTAGGCT 20

RESULT 41
US-08-063-167A-67
; Sequence 67, Application US/08063167A
; Patent No. 5514788
; GENERAL INFORMATION:
; APPLICANT: Bennett and Mirabelli
; TITLE OF INVENTION: Oligonucleotide Modulation
; TITLE OF INVENTION: of Cell Adhesion
; NUMBER OF SEQUENCES: 85
; CORRESPONDENCE ADDRESS:
; ADDRESS: Woodland Falls Corporate Park
; STREET: 210 Lake Drive East, Suite 201
; CITY: Cherry Hill
; STATE: NJ
; COUNTRY: USA
; ZIP: 08002
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; 
```

SOFTWARE: WORDPERFECT 5.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/063,167A
FILING DATE: 19930517
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 939,855
FILING DATE: September 2, 1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US91/05209
FILING DATE: July 23, 1991
PRIOR APPLICATION DATA: 567,286
FILING DATE: August 14, 1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0002
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 67:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-08-063-167A-67

Query Match 4.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 825 CTGTGTCCTTTCTCTCT 844
Db 1 CTGTGTCCTCTCTCCGCT 20

RESULT 42
US-08-388-381-17
Sequence 17, Application US/08388381
Patent No. 5552283
GENERAL INFORMATION:
APPLICANT: Diamandis, Eleftherios
APPLICANT: Dunn, James M.
TITLE OF INVENTION: Method, Reagents and Kit for Diagnosis
TITLE OF INVENTION: and Targeted Screening for p53 Mutations
NUMBER OF SEQUENCES: 41
CORRESPONDENCE ADDRESS:
ADDRESSEE: Oppedahl & Larson
STREET: 1992 Commerce Street, Suite 309
CITY: Yorktown Heights
STATE: NY
COUNTRY: USA
ZIP: 10598-4412
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 inch, 1.44 Mb
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS 5.0
SOFTWARE: Word Perfect
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/388,381
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/271,946
FILING DATE: 08-JUL-1994
ATTORNEY/AGENT INFORMATION:

NAME: Marina T. Larson
REGISTRATION NUMBER: 32,038
REFERENCE/DOCKET NUMBER: VGEN.P-003-US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (914) 245-3252
TELEFAX: (914) 962-4330
TELEX:
INFORMATION FOR SEQ ID NO: 17:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: genomic DNA
HYPOTHETICAL: no
ANTI-SENSE: yes
FRAGMENT TYPE: internal
ORIGINAL SOURCE:
ORGANISM: human
FEATURE:
NAME/KEY: primer for exon 2 of human p53 gene
US-08-388-381-17

Query Match 4.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 813 ACTCAGGGTTGGCTGTCT 832
Db 1 ACCCAGGGTTGGAAGCGTCT 20

RESULT 43
US-08-007-997A-67
Sequence 67, Application US/08007997A
Patent No. 5591623
GENERAL INFORMATION:
APPLICANT: Bennett and Mirabelli
TITLE OF INVENTION: Oligonucleotide Modulation
TITLE OF INVENTION: of Cell Adhesion
NUMBER OF SEQUENCES: 82
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz
ADDRESSEE: Mackiewicz & No. 5591623ris
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/007,997A
FILING DATE: 19930121
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 939,855
FILING DATE: September 2, 1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US91/05209
FILING DATE: July 23, 1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 567,286
FILING DATE: August 14, 1990
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISIS-0709
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100

```
TELEFAX: (215) 588-3439
INFORMATION FOR SEQ ID NO: 67:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-08-007-997A-67

Query Match 4.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 825 CTGTCTCTCTTTCTCTCT 844
DB 1 CTGTCTCTCTCTCTCGCT 20

RESULT 44
US-08-440-740A-67
Sequence 67, Application US/08440740A
Patent No. 5843738
GENERAL INFORMATION:
APPLICANT: Bennett and Mirabelli
TITLE OF INVENTION: Oligonucleotide Modulation
of Cell Adhesion
NUMBER OF SEQUENCES: 85
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: USA
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/440,740A
FILING DATE: May 12, 1995
CLASSIFICATION: 514
PRIOR APPLICATION NUMBER:
FILING DATE: May 17, 1993
APPLICATION NUMBER: 063,167
PRIOR APPLICATION DATA:
FILING DATE: February 10, 1993
APPLICATION NUMBER: 569,151
PRIOR APPLICATION DATA:
FILING DATE: January 20, 1993
APPLICATION NUMBER: 007,997
PRIOR APPLICATION DATA:
FILING DATE: September 2, 1992
APPLICATION NUMBER: 939,855
REFERENCE/DOCKET NUMBER: ISPH-0133
TELEPHONE: (609) 779-2400
TELEFAX: (609) 779-8488
INFORMATION FOR SEQ ID NO: 67:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes

US-08-007-997A-67

Query Match 4.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 825 CTGTCTCTCTTTCTCTCT 844
DB 1 CTGTCTCTCTCTCTCGCT 20

RESULT 45
US-08-344-155C-67
Sequence 67, Application US/08344155C
Patent No. 5883082
GENERAL INFORMATION:
APPLICANT: Bennett and Stepkowski
TITLE OF INVENTION: Compositions and Methods for Preventing
and Treating Allograft Rejection
NUMBER OF SEQUENCES: 99
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodland Falls Corporate Park
STREET: 210 Lake Drive East, Suite 201
CITY: Cherry Hill
STATE: NJ
COUNTRY: USA
ZIP: 08002
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/344,155C
FILING DATE: No. 5883082ember 23, 1994
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 939,855
FILING DATE: September 2, 1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US91/05209
FILING DATE: July 23, 1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/063,167
FILING DATE: 5/17/93
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/007,997
FILING DATE: 1/21/93
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/939,855
FILING DATE: 9/2/92
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/567,286
FILING DATE: 8/14/90
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0098
TELECOMMUNICATION INFORMATION:
TELEPHONE: (609) 779-2400
TELEFAX: (609) 779-8488
INFORMATION FOR SEQ ID NO: 67:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-08-344-155C-67

Query Match 4.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
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QY 825 CTGTGTCCTCTTCTCTCTCT 844
Db 1 CTGTGTCCTCTGTCGCT 20

RESULT 46
US-08-982-845B-67
; Sequence 67, Application US/08982845B
; Patent No. 6015894
; GENERAL INFORMATION:
; APPLICANT: Bennett and Mirabelli
; TITLE OF INVENTION: Oligonucleotide Modulation
; TITLE OF INVENTION: of Cell Adhesion
; NUMBER OF SEQUENCES: 87
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: USA
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: Windows 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/982,845B
; FILING DATE: December 2, 1997
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/440,740
; FILING DATE: May 12, 1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 063,167
; FILING DATE: May 17, 1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 969,151
; FILING DATE: February 10, 1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 007,997
; FILING DATE: January 21, 1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 939,855
; FILING DATE: September 2, 1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 567,286
; FILING DATE: August 14, 1990
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0243
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (609) 779-2400
; TELEFAX: (609) 779-8488
; INFORMATION FOR SEQ ID NO: 67:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes

US-08-982-845B-67
Query Match 4.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 825 CTGTGTCCTCTTCTCTCTCT 844
Db 1 CTGTGTCCTCTGTCGCT 20

RESULT 47
US-08-765-626-17
; Sequence 17, Application US/08765626
; Patent No. 6071726
; GENERAL INFORMATION:
; APPLICANT: Visible Genetics Inc.
; APPLICANT: Diamandis, Eleftherios
; APPLICANT: Dunn, James W.
; APPLICANT: Stevens, John K.
; TITLE OF INVENTION: Method, Reagents and Kit for Diagnosis
; TITLE OF INVENTION: and Targeted Screening for p53 Mutations
; NUMBER OF SEQUENCES: 41
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Opedahl & Larson
; STREET: 1992 Commerce Street, Suite 309
; CITY: Yorktown Heights
; STATE: NY
; COUNTRY: USA
; ZIP: 10598-4412
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 inch, 1.44 Mb
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS 5.0
; SOFTWARE: Word Perfect
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/765,626
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/08605
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/388,381
; FILING DATE: 14-FEB-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Marina T. Larson
; REGISTRATION NUMBER: 32,038
; REFERENCE/DOCKET NUMBER: VGEN.P-003-US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (914) 245-3252
; TELEFAX: (914) 962-4330
; TELEX:
; INFORMATION FOR SEQ ID NO: 17:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: genomic DNA
; HYPOTHETICAL: no
; ANTI-SENSE: yes
; FRAGMENT TYPE: internal
; ORIGINAL SOURCE:
; ORGANISM: human
; FEATURE:
; NAME/KEY: primer for exon 2 of human p53 gene
; US-08-765-626-17

Query Match 4.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 813 ACTCAGGTTGGCTGTCT 832
Db 1 ACCCAGGTTGGAGCGTCT 20

RESULT 48
US-08-991-525B-67
; Sequence 67, Application US/08991525B
; Patent No. 6093811
; GENERAL INFORMATION:

APPLICANT: Bennett and Mirabelli
TITLE OF INVENTION: Oligonucleotide Modulation
NUMBER OF SEQUENCES: 87
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: USA
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: Windows 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
FILING DATE: December 16, 1997
CLASSIFICATION: 514
APPLICATION NUMBER: 440,740
FILING DATE: May 12, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 063,167
FILING DATE: May 17, 1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 969,151
FILING DATE: February 10, 1993
APPLICATION NUMBER: 007,997
FILING DATE: January 21, 1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 939,855
FILING DATE: September 2, 1992
APPLICATION NUMBER: 567,286
FILING DATE: August 14, 1990
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0247
TELEPHONE: (856) 810-1515
TELEFAX: (856) 810-1454
INFORMATION FOR SEQ ID NO: 67:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-08-991-525B-67

Query Match 4.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 825 CTGTGTCCTTTTCTCTCT 844
DB 1 CTGTGTCCTGTCCTCGCT 20

RESULT 49
US-08-759-67
Sequence 67, Application US/09085759
Patent No. 6096722
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett, Christopher Mirabelli,
APPLICANT: Brenda Baker
TITLE OF INVENTION: Antisense Modulation of Cell Adhesion
TITLE OF INVENTION: Molecule Expression and Treatment of Cell Adhesion
TITLE OF INVENTION: Molecule-Associated Diseases

NUMBER OF SEQUENCES: 109
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: USA
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/085,759
FILING DATE: herewith
CLASSIFICATION:
APPLICATION DATA: 08/440,740
FILING DATE: May 12, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 063,167
FILING DATE: May 17, 1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 969,151
FILING DATE: February 10, 1993
APPLICATION NUMBER: 007,997
FILING DATE: January 20, 1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 939,855
FILING DATE: September 2, 1992
APPLICATION NUMBER: 567,286
FILING DATE: August 14, 1990
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0311
TELEPHONE: (609) 779-2400
TELEFAX: (609) 779-8488
INFORMATION FOR SEQ ID NO: 67:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-085-759-67

Query Match 4.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 825 CTGTGTCCTTTTCTCTCT 844
DB 1 CTGTGTCCTGTCCTCGCT 20

RESULT 50
US-08-872-855-19/c
Sequence 19, Application US/08872855
Patent No. 6121045
GENERAL INFORMATION:
APPLICANT: McCarthy, Sean
APPLICANT: Gearing, David
TITLE OF INVENTION: NOVEL HUMAN DELTA3 COMPOSITIONS AND
TITLE OF INVENTION: THERAPEUTIC USES THEREFOR
NUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESS:
ADDRESSEE: FOLEY, HOAG & ELIOT LLP
STREET: One Post Office Square

CITY: Boston
 STATE: MA
 COUNTRY: USA
 ZIP: 02109-2170
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/872,855
 FILING DATE: 11-JUN-1997
 CLASSIFICATION: 514
 ATTORNEY/AGENT INFORMATION:
 NAME: Atchold, Beth E.
 REGISTRATION NUMBER: 35,430
 REFERENCE/DOCKET NUMBER: MAA-003.02
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 617-832-1000
 TELEFAX: 617-832-7000
 INFORMATION FOR SEQ ID NO: 19:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 20 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: other nucleic acid
 DESCRIPTION: /desc = "primer"
 US-08-872-855-19

Query Match 4.7%; Score 13.6; DB 1; Length 20;
 Best Local Similarity 80.0%; Pred. No. 1.3e+02;
 Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 948 CGCAAGAAGAGCCAAATTGA 967
 DB 20 CGCGAACAGAGCCAGATTGA 1

RESULT 51
 US-09-128-496-67
 Sequence 67, Application US/09128496
 Patent No. 6169079
 GENERAL INFORMATION:
 APPLICANT: Bennett and Mirabelli
 TITLE OF INVENTION: Oligonucleotide Modulation
 TITLE OF INVENTION: of Cell Adhesion
 NUMBER OF SEQUENCES: 85
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Law Offices of Jane Massey Licata
 STREET: 66 East Main Street
 CITY: Marlton
 STATE: NJ
 COUNTRY: USA
 ZIP: 08053
 COMPUTER READABLE FORM:
 MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
 COMPUTER: IBM PS/2
 OPERATING SYSTEM: PC-DOS
 SOFTWARE: WORDPERFECT 5.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/128,496
 FILING DATE:
 CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/440,740
 FILING DATE:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 969,151
 FILING DATE: February 10, 1993
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 007,997
 FILING DATE: January 20, 1993

PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 939,855
 FILING DATE: September 2, 1992
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 567,286
 FILING DATE: August 14, 1990
 ATTORNEY/AGENT INFORMATION:
 NAME: Jane Massey Licata
 REGISTRATION NUMBER: 32,257
 REFERENCE/DOCKET NUMBER: ISPH-0133
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (609) 779-2400
 TELEFAX: (609) 779-8488
 INFORMATION FOR SEQ ID NO: 67:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 20
 TYPE: Nucleic Acid
 STRANDEDNESS: Single
 TOPOLOGY: Linear
 ANTI-SENSE: Yes
 US-09-128-496-67

Query Match 4.7%; Score 13.6; DB 1; Length 20;
 Best Local Similarity 80.0%; Pred. No. 1.3e+02;
 Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 825 CTGTGTCCTCTTCTCTCT 844
 DB 1 CTGTGTCCTCTCTCTCGCT 20

RESULT 52
 US-09-488-671-65
 Sequence 65, Application US/09488671A
 Patent No. 6187545
 GENERAL INFORMATION:
 APPLICANT: Robert McKay
 APPLICANT: Madeline M. Butler
 APPLICANT: Jacqueline Wyatt
 APPLICANT: Lex M. Cowsett
 TITLE OF INVENTION: ANTISENSE MODULATION OF PEPCK-CYTOSOLIC EXPRESSION
 FILE REFERENCE: RTS-0123
 CURRENT APPLICATION NUMBER: US/09/488,671A
 CURRENT FILING DATE: 2000-01-21
 NUMBER OF SEQ ID NOS: 177
 SEQ ID NO 65
 LENGTH: 20
 TYPE: DNA
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Antisense Oligonucleotide
 US-09-488-671-65

Query Match 4.7%; Score 13.6; DB 1; Length 20;
 Best Local Similarity 80.0%; Pred. No. 1.3e+02;
 Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 865 AGTTGGAACACITTCCTGAG 884
 DB 1 AATGGGAACACCTTCGGAG 20

RESULT 53
 US-09-009-490A-67
 Sequence 67, Application US/09009490A
 Patent No. 6300491
 GENERAL INFORMATION:
 APPLICANT: Bennett and Mirabelli
 TITLE OF INVENTION: Oligonucleotide Modulation
 TITLE OF INVENTION: of Cell Adhesion
 NUMBER OF SEQUENCES: 95
 CORRESPONDENCE ADDRESS:
 ADDRESS: 1000

STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: USA
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: Windows 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/009,490A
FILING DATE: January 20, 1998
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 440,740
FILING DATE: May 12, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 063,167
FILING DATE: May 17, 1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 969,151
FILING DATE: February 10, 1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 007,997
FILING DATE: January 20, 1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 939,855
FILING DATE: September 2, 1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 567,286
FILING DATE: August 14, 1990
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0268
TELECOMMUNICATION INFORMATION:
TELEPHONE: (609) 810-1515
TELEFAX: (609) 810-1454
INFORMATION FOR SEQ ID NO: 67:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes

US-09-009-490A-67
Query Match 4.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 825 CTGTGTCCTCTTTCTCTCT 844
Db 1 CTGTGTCCTCTGCTCGCT 20

RESULT 54
US-09-198-452A-1418
Sequence 1418, Application US/09198452A
Patent No. 6559294
GENERAL INFORMATION:
APPLICANT: Griffiths, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 1418
LENGTH: 20
TYPE: DNA

ORGANISM: Chlamydia pneumoniae
US-09-198-452A-1418

Query Match 4.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 740 CTTGGTAGGGTCCAGGGTC 759
Db 1 CTTGGTAGGGTGTAGAGTC 20

RESULT 55
US-09-198-452A-6553/c
Sequence 6553, Application US/09198452A
Patent No. 6559294
GENERAL INFORMATION:
APPLICANT: Griffiths, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 6553
LENGTH: 20
TYPE: DNA
ORGANISM: Chlamydia pneumoniae
US-09-198-452A-6553

Query Match 4.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 954 AAGAGCCAAATTCAGCTCTCT 973
Db 20 AGGAGCCACAGCGACTCTCT 1

RESULT 56
PCT-US93-08101-67
Sequence 67, Application PC/TUS9308101
GENERAL INFORMATION:
APPLICANT: Bennett and Mirabelli
TITLE OF INVENTION: Oligonucleotide Modulation
TITLE OF INVENTION: of Cell Adhesion
NUMBER OF SEQUENCES: 85
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodland Falls Corporate Park
STREET: 210 Lake Drive East, Suite 201
CITY: Cherry Hill
STATE: NJ
COUNTRY: USA
ZIP: 08002
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US93/08101
FILING DATE: Herewith
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 939,855
FILING DATE: September 2, 1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US91/05209
FILING DATE: July 23, 1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 567,286
FILING DATE: August 14, 1990

US-08-373-124A-1575
TOPOLOGY: linear
Query Match 4.6%; Score 13.4; DB 1; Length 17;
Best Local Similarity 66.7%; Pred. No. 1e+02; 1; Indels 0; Gaps 0;
Matches 10; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 802 GCTCTCTCCCAACTC 816
||:||||:||||
Db 1 GCUCUCCUGAACUC 15

RESULT 59
US-08-435-628-1575
; Sequence 1575, Application US/08435628
; Patent No. 5817796
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/435,628
; FILING DATE: 05-MAY-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/373,124
; FILING DATE: January 13, 1995
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1575:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-435-628-1575

Query Match 4.6%; Score 13.4; DB 1; Length 17;
Best Local Similarity 66.7%; Pred. No. 1e+02; 1; Indels 0; Gaps 0;
Matches 10; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 802 GCTCTCTCCCAACTC 816
||:||||:||||
Db 1 GCUCUCCUGAACUC 15

RESULT 60
US-09-081-320-47
; Sequence 47, Application US/09081320
; Patent No. 6093544
; GENERAL INFORMATION:
; APPLICANT: Gonsalves, Dennis
; APPLICANT: Meng, Baozhong
; TITLE OF INVENTION: RUPESTRIS STEM PITTING ASSOCIATED VIRUS
; TITLE OF INVENTION: NUCLEIC ACIDS, PROTEINS, AND THEIR USES
; NUMBER OF SEQUENCES: 54
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Nixon, Hargrave, Devans & Doyle LLP
; STREET: Clinton Square, P.O. Box 1051
; CITY: Rochester
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 14603
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/081,320
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/047,147
; FILING DATE: 20-MAY-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/069,902
; FILING DATE: 17-DEC-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Goldman, Michael L.
; REGISTRATION NUMBER: 30,727
; REFERENCE/DOCKET NUMBER: 19603/1722
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (716) 263-1304
; TELEFAX: (716) 263-1600
; INFORMATION FOR SEQ ID NO: 47:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
US-09-081-320-47

Query Match 4.6%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1e+02; 1; Indels 0; Gaps 0;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 762 TAGGCTCCCACTTCT 776
|||||||
Db 1 TGGGCTCCCACTTCT 15

RESULT 61
US-09-574-141A-47
; Sequence 47, Application US/09574141A
; Patent No. 6395490
; GENERAL INFORMATION:
; APPLICANT: Gonsalves, Dennis
; APPLICANT: Meng, Baozhong
; TITLE OF INVENTION: RUPESTRIS STEM PITTING ASSOCIATED VIRUS
; TITLE OF INVENTION: NUCLEIC ACIDS, PROTEINS, AND THEIR USES
; FILE REFERENCE: 07678/035005

```

; CURRENT APPLICATION NUMBER: US/09/574,141A
; CURRENT FILING DATE: 2000-05-18
; PRIOR APPLICATION NUMBER: 60/047,147
; PRIOR FILING DATE: 1997-05-20
; PRIOR APPLICATION NUMBER: 60/069,902
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 09/081,320
; PRIOR FILING DATE: 1998-05-19
; NUMBER OF SEQ ID NOS: 97
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 47
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic based on Rupestris stem pitting
; OTHER INFORMATION: associated virus
US-09-574-141A-47

```

```

Query Match          4.6%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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```

Qy 762 TAGGCTCCACTTCT 776
Db 1 TGGGCTCCACTTCT 15

```

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RESULT 62
US-09-707-780-47
; Sequence 47, Application US/09707780
; Patent No. 6393108
; GENERAL INFORMATION:
; APPLICANT: Gonsalves, Dennis
; APPLICANT: Meng, Baozhong
; TITLE OF INVENTION: RUPESTRIS STEM PITTING ASSOCIATED VIRUS
; TITLE OF INVENTION: NUCLEIC ACIDS, PROTEINS, AND THEIR USES
; FILE REFERENCE: 07678/035006
; CURRENT APPLICATION NUMBER: US/09/707,780
; CURRENT FILING DATE: 2000-11-07
; PRIOR APPLICATION NUMBER: 09/081,320
; PRIOR FILING DATE: 1998-05-19
; PRIOR APPLICATION NUMBER: 60/047,147
; PRIOR FILING DATE: 1997-05-20
; PRIOR APPLICATION NUMBER: 60/069,902
; PRIOR FILING DATE: 1997-12-17
; NUMBER OF SEQ ID NOS: 54
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 47
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic based on Rupestris stem pitting
; OTHER INFORMATION: associated virus
US-09-707-780-47

```

```

Query Match          4.6%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

Qy 762 TAGGCTCCACTTCT 776
Db 1 TGGGCTCCACTTCT 15

```

```

RESULT 63
US-08-388-381-29/c
; Sequence 29, Application US/08388381
; Patent No. 5552283
; GENERAL INFORMATION:
; APPLICANT: Diamandis, Eleftherios
; APPLICANT: Dunn, James M.

```

```

; APPLICANT: Stevens, John K.
; TITLE OF INVENTION: Method, Reagents and Kit for Diagnosis
; TITLE OF INVENTION: and Targeted Screening for p53 Mutations
; NUMBER OF SEQUENCES: 41
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Oppedahl & Larson
; STREET: 1992 Commerce Street, Suite 309
; CITY: Yorktown Heights
; STATE: NY
; COUNTRY: USA
; ZIP: 10598-4412
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 inch, 1.44 Mb
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS 5.0
; SOFTWARE: Word Perfect
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/388,381
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/271,946
; FILING DATE: 08-JUL-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Marina T. Larson
; REGISTRATION NUMBER: 32,038
; REFERENCE/DOCKET NUMBER: VGEN.P-003-US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (914) 245-3252
; TELEFAX: (914) 962-4330
; TELEX:
; INFORMATION FOR SEQ ID NO: 29:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: genomic DNA
; HYPOTHETICAL: no
; ANTI-SENSE: no
; FRAGMENT TYPE: internal
; ORIGINAL SOURCE:
; ORGANISM: human
; FEATURE:
; NAME/KEY: sequencing primer for exon 5 of human p53 gene
US-08-388-381-29

```

```

Query Match          4.6%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 1.1e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

Qy 751 CCCAGGCTCCCTAGG 765
Db 15 CCCAGGCTCCCTAGG 1

```

```

RESULT 64
US-08-765-626-29/c
; Sequence 29, Application US/08765626
; Patent No. 6071726
; GENERAL INFORMATION:
; APPLICANT: Visible Genetics Inc.
; APPLICANT: Diamandis, Eleftherios
; APPLICANT: Dunn, James M.
; APPLICANT: Stevens, John K.
; TITLE OF INVENTION: Method, Reagents and Kit for Diagnosis
; TITLE OF INVENTION: and Targeted Screening for p53 Mutations
; NUMBER OF SEQUENCES: 41
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Oppedahl & Larson
; STREET: 1992 Commerce Street, Suite 309
; CITY: Yorktown Heights
; STATE: NY

```

```

; COUNTRY: USA
; ZIP: 10598-4412
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 inch, 1.44 Mb
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS 5.0
; SOFTWARE: Word Perfect
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/765.626
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/08605
; FILING DATE:
; APPLICANT: Visible Genetics Inc.
; APPLICANT: Diamandis, Eleftherios
; APPLICANT: Dunn, James M.
; APPLICANT: Stevens, John K.
; TITLE OF INVENTION: Method, Reagents and Kit for Diagnosis
; TITLE OF INVENTION: and Targeted Screening for p53 Mutations
; NUMBER OF SEQUENCES: 41
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Oppedahl & Larson
; STREET: 1992 Commerce Street, Suite 309
; CITY: Yorktown Heights
; STATE: NY
; COUNTRY: USA
; ZIP: 10598-4412
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 inch, 1.44 Mb
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS 5.0
; SOFTWARE: Word Perfect
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/08605
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/271,946
; FILING DATE: 08-JUL-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/388,381
; FILING DATE: 14-FEB-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Marina T. Larson
; REGISTRATION NUMBER: 32,038
; REFERENCE/DOCKET NUMBER: VGEN.P-003-US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (914) 245-3252
; TELEFAX: (914) 962-4330
; TELEX:
; INFORMATION FOR SEQ ID NO: 29:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: genomic DNA
; HYPOTHETICAL: no
; ANTI-SENSE: no
; FRAGMENT TYPE: internal
; ORIGINAL SOURCE:
; ORGANISM: human
; FEATURE:
; NAME/KEY: sequencing primer for exon 5 of human p53 gene
; US-08-765-626-29

```

```

Query Match 4.6%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 1.1e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

QY 751 CCCAGGGTCCCTAGG 765
DB 15 CCCAGGGTCCCTAGG 1

```

```

RESULT 65
US-09-167-109-85
; Sequence 85, Application US/09167109
; Patent No. 6399297
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda F.
; APPLICANT: Cowsett, Lex M.
; APPLICANT: Monia, Brett P.
; APPLICANT: Xu, Xiaoxing S.
; TITLE OF INVENTION: ANTISENSE MODULATION OF TRAF EXPRESSION
; FILE REFERENCE: ISPH-0321
; CURRENT APPLICATION NUMBER: US/09/167,109
; CURRENT FILING DATE: 1998-10-06
; NUMBER OF SEQ ID NOS: 228
; SEQ ID NO 85
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: antisense sequence
; US-09-167-109-85

```

```

Query Match 4.6%; Score 13.4; DB 1; Length 18;

```

```

Best Local Similarity 93.3%; Pred. No. 1.1e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

QY 770 CACTTCTGAGGCAG 784
DB 1 CACTTGTGAGGCAG 15

```

```

RESULT 66
PCT-US95-08605-29/c
; Sequence 29, Application PC/TUS9508605
; GENERAL INFORMATION:
; APPLICANT: Visible Genetics Inc.
; APPLICANT: Diamandis, Eleftherios
; APPLICANT: Dunn, James M.
; APPLICANT: Stevens, John K.
; TITLE OF INVENTION: Method, Reagents and Kit for Diagnosis
; TITLE OF INVENTION: and Targeted Screening for p53 Mutations
; NUMBER OF SEQUENCES: 41
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Oppedahl & Larson
; STREET: 1992 Commerce Street, Suite 309
; CITY: Yorktown Heights
; STATE: NY
; COUNTRY: USA
; ZIP: 10598-4412
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 inch, 1.44 Mb
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS 5.0
; SOFTWARE: Word Perfect
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/08605
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/271,946
; FILING DATE: 08-JUL-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/388,381
; FILING DATE: 14-FEB-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Marina T. Larson
; REGISTRATION NUMBER: 32,038
; REFERENCE/DOCKET NUMBER: VGEN.P-003-US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (914) 245-3252
; TELEFAX: (914) 962-4330
; TELEX:
; INFORMATION FOR SEQ ID NO: 29:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: genomic DNA
; HYPOTHETICAL: no
; ANTI-SENSE: no
; FRAGMENT TYPE: internal
; ORIGINAL SOURCE:
; ORGANISM: human
; FEATURE:
; NAME/KEY: sequencing primer for exon 5 of human p53 gene
; PCT-US95-08605-29

```

```

Query Match 4.6%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 1.1e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

QY 751 CCCAGGGTCCCTAGG 765
DB 15 CCCAGGGTCCCTAGG 1

```

```
RESULT 67
US-08-981-321-2
; Sequence 2, Application US/08981321A
; Patent No. 6146871
; GENERAL INFORMATION:
; APPLICANT: GARCIA LOPEZ, et al, Jose Luis
; TITLE OF INVENTION: PROCESS FOR MODIFYING THE ENZYME
; TITLE OF INVENTION: 7B-(4-CARBOXYBUTANAMIDE) CE PHALOS PORI NACYLAS E AND
; TITLE OF INVENTION: PURIFYING SAID ENZYME IN A SINGLE CHROMATOGRAPHIC STEP
; FILE REFERENCE: U-011559-6
; CURRENT APPLICATION NUMBER: US/08/981,321A
; EARLIER FILING DATE: 1998-08-13
; EARLIER APPLICATION NUMBER: PCT/ES97/00098
; EARLIER FILING DATE: 1997-04-19
; EARLIER APPLICATION NUMBER: P9600890
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide encoding six histidines
US-08-981-321-2

Query Match          4.6%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 1.4e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      918 ATCATCACCACCACC 932
Db      2 ATCATCACCACCATC 16

RESULT 68
US-09-326-186B-126
; Sequence 126, Application US/09326186B
; Patent No. 6319906
; GENERAL INFORMATION:
; APPLICANT: Bennett, Clarence Frank
; APPLICANT: Vickers, Timothy A.
; TITLE OF INVENTION: Oligonucleotide Compositions and Methods for the
; TITLE OF INVENTION: Modulation of the Expression of B7 Protein
; FILE REFERENCE: ISPH-0376
; CURRENT APPLICATION NUMBER: US/09/326,186B
; CURRENT FILING DATE: 1999-06-04
; PRIOR APPLICATION NUMBER: 08/777,266
; PRIOR FILING DATE: 1998-12-31
; NUMBER OF SEQ ID NOS: 226
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 126
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-326-186B-126

Query Match          4.6%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 1.4e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      765 GCCTCCACTTCGTGAG 779
Db      2 GACTCCACTTCGTGAG 16

RESULT 69
US-09-561-497-80/C
; Sequence 80, Application US/09561497
; Patent No. 6372433
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF INHIBITOR OF DNA BINDING-1 EXPRESSION
; FILE REFERENCE: RTS-0149
; CURRENT APPLICATION NUMBER: US/09/561,497
; CURRENT FILING DATE: 2000-04-28
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 80
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-561-497-80

Query Match          4.6%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 1.4e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      829 GTCTCTTTTCTCTC 843
Db      15 GTCTCAATTTCTCTC 1

RESULT 70
US-09-561-497-81/C
; Sequence 81, Application US/09561497
; Patent No. 6372433
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF INHIBITOR OF DNA BINDING-1 EXPRESSION
; FILE REFERENCE: RTS-0149
; CURRENT APPLICATION NUMBER: US/09/561,497
; CURRENT FILING DATE: 2000-04-28
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 81
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-561-497-81

Query Match          4.6%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 1.4e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      829 GTCTCTTTTCTCTC 843
Db      18 GTCTCAATTTCTCTC 4

RESULT 71
US-09-732-199A-36
; Sequence 36, Application US/09732199A
; Patent No. 6379960
; GENERAL INFORMATION:
; APPLICANT: Ian Popoff
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF DAMAGE-SPECIFIC DNA BINDING PROTEIN 2, P48
; FILE REFERENCE: RTS-0214
; CURRENT APPLICATION NUMBER: US/09/732,199A
; CURRENT FILING DATE: 2000-12-06
; NUMBER OF SEQ ID NOS: 57
; SEQ ID NO 36
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
US-09-732-199A-36
```


FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-732-199A-36

Query Match 4.6%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 1.4e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 855 TCCTGGCTCCAGTTG 869
Db 2 TCCTGGCTCCAGATG 16

RESULT 72
US-09-422-978-4532/c
; Sequence 4532, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 4532
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..20
; OTHER INFORMATION: upstream amplification primer 99-15627 for SEQ 598,
US-09-422-978-4532

Query Match 4.6%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 1.4e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 826 TGTGCTCTCTTCTT 840
Db 17 TGTGCTCTCTTCTT 3

RESULT 73
US-09-358-381-33
; Sequence 33, Application US/09358381
; Patent No. 6020199
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF PTEN EXPRESSION
; FILE REFERENCE: RTS-0079
; CURRENT APPLICATION NUMBER: US/09/358,381
; CURRENT FILING DATE: 1999-07-21
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 33
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-358-381-33

Query Match 4.6%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.2e+02;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Qy 819 GGTGGCTGTGCTCTTT 836
Db 1 GGTGGCTGTGCTCTTAT 18

RESULT 74
US-09-577-902-33
; Sequence 33, Application US/09577902
; Patent No. 6284538
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowsett
; APPLICANT: Robert McKay
; TITLE OF INVENTION: ANTISENSE MODULATION OF PTEN EXPRESSION
; FILE REFERENCE: ISPH-0463
; CURRENT APPLICATION NUMBER: US/09/577,902
; CURRENT FILING DATE: 2000-05-24
; PRIOR APPLICATION NUMBER: US 09/358,381
; PRIOR FILING DATE: 1999-07-21
; PRIOR APPLICATION NUMBER: PCT/US99/29594,
; PRIOR FILING DATE: 1999-12-14
; NUMBER OF SEQ ID NOS: 51
; SEQ ID NO 33
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-577-902-33

Query Match 4.6%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.2e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 819 GGTGGCTGTGCTCTTT 836
Db 1 GGTGGCTGTGCTCTTAT 18

RESULT 75
US-09-422-978-9283
; Sequence 9283, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 9283
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: downstream amplification primer 99-24275 for SEQ 1418, in complen
US-09-422-978-9283

Query Match 4.6%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.2e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

```

QY      915 ATTATCATCACCACCAC 932
Db      1 ATTGACATCACCACCAC 18

RESULT 76
US-08-388-381-23
; Sequence 23, Application US/08388381
; Patent No. 5552283
; GENERAL INFORMATION:
; APPLICANT: Diamandis, Eleftherios
; APPLICANT: Dunn, James M.
; APPLICANT: Stevens, John K.
; TITLE OF INVENTION: Method, Reagents and Kit for Diagnosis
; TITLE OF INVENTION: Method, Reagents and Targeted Screening for p53 Mutations
; NUMBER OF SEQUENCES: 41
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Oppedahl & Larson
; STREET: 1992 Commerce Street, Suite 309
; CITY: Yorktown Heights
; STATE: NY
; COUNTRY: USA
; ZIP: 10598-4412
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 inch, 1.44 Mb
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS 5.0
; SOFTWARE: Word Perfect
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/388,381
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/271,946
; FILING DATE: 08-JUL-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Marina T. Larson
; REGISTRATION NUMBER: 32,038
; REFERENCE/DOCKET NUMBER: VGEN.P-003-US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (914) 245-3252
; TELEFAX: (914) 962-4330
; TELEX:
; INFORMATION FOR SEQ ID NO: 23:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: genomic DNA
; HYPOTHETICAL: no
; ANTI-SENSE: yes
; FRAGMENT TYPE: internal
; ORIGINAL SOURCE:
; ORGANISM: human
; FEATURE:
; NAME/KEY: sequencing primer for exon 2 of human p53 gene
US-08-388-381-23

Query Match 4.6%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 1.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      816 CAGGGTTGGCTGCTC 833
Db      2 CAGGGTTGGAAGCGTCTC 19

RESULT 77
US-08-399-986B-10
; Sequence 10, Application US/08399986B
; Patent No. 5801041

```

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; GENERAL INFORMATION:
; APPLICANT: Godwin, Andrew K.
; TITLE OF INVENTION: No. 5801041el Gene Associated with Suppression
; TITLE OF INVENTION: of Tumor Development
; NUMBER OF SEQUENCES: 35
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dann, Dorfman, Herrell and Skillman
; STREET: 1601 Market Street
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103-2307
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/399,986B
; FILING DATE: 06-MAR-1995
; CLASSIFICATION: 530
; ATTORNEY/AGENT INFORMATION:
; NAME: Hagan, Patrick J.
; REGISTRATION NUMBER: 27,643
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 563-4100
; TELEFAX: (215) 563-4044
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: not relevant
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
US-08-399-986B-10

Query Match 4.6%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 1.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      761 CTAGGCTCCACTTCTGA 778
Db      1 CTAGCCTCCACCTCTCA 18

RESULT 78
US-08-493-754A-10
; Sequence 10, Application US/08493754A
; Patent No. 5821338
; GENERAL INFORMATION:
; APPLICANT: Godwin, Andrew K.
; TITLE OF INVENTION: No. 5821338el Gene Associated with Suppression
; TITLE OF INVENTION: of Tumor Development
; NUMBER OF SEQUENCES: 35
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dann, Dorfman, Herrell and Skillman
; STREET: 1601 Market Street
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103-2307
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/493,754A
; FILING DATE: 22-JUN-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:

```

NAME: Hagan, Patrick J.
REGISTRATION NUMBER: 27,643
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 563-4100
TELEFAX: (215) 563-4044
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: not relevant
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: YES
US-08-493-754A-10

Query Match 4.6%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 1.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 761 CTAGGCTCCACTTCTGA 778
Db 1 CTAGGCTCCACTCTCA 18

RESULT 79
US-08-190-199A-68
; Sequence 68, Application US/08190199A
; Patent No. 5830663
; GENERAL INFORMATION:
; APPLICANT: EMBLETON, Michael J.
; APPLICANT: GOROCHOV, Guy
; APPLICANT: JONES, Peter T.
; APPLICANT: WINTER, Gregory P.
; TITLE OF INVENTION: TREATMENT OF CELL POPULATIONS
; NUMBER OF SEQUENCES: 70
; CORRESPONDENCE ADDRESS:
; ADDRESS: PILLSBURY MADISON & SUTRO, L.L.P.
; STREET: 1100 New York Avenue, N.W.
; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20005-3918
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Microsoft Word
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/190,199A
; FILING DATE: 13-JUL-1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/GB92/01483
; FILING DATE: 10-AUG-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: GB 9212419.7
; FILING DATE: 11-JUN-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: GB 9117352.6
; FILING DATE: 10-AUG-1991
; INFORMATION FOR SEQ ID NO: 68:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-190-199A-68

Query Match 4.6%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 1.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 752 CCAGGTCCTAGGCTC 769
Db 1 CCAGAGTCCTTGGCCC 18

RESULT 80
US-08-832-449A-1/C
; Sequence 1, Application US/08832449A
; Patent No. 5849497
; GENERAL INFORMATION:
; APPLICANT: CHARLES STEINMAN
; TITLE OF INVENTION: SPECIFIC INHIBITION OF THE
; POLYMERASE CHAIN REACTION USING
; A NON-EXTENDABLE OLIGONUCLEOTIDE
; TITLE OF INVENTION: BLOCKER
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Meltzer, Lippe, Goldstein,
; ADDRESSEE: Wolf & Schliessel, P.C.
; STREET: 190 Willis Avenue
; CITY: Mineola
; STATE: New York
; COUNTRY: USA
; ZIP: 11501
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 800 Kb storage
; COMPUTER: PC Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: WordPerfect
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/832,449A
; FILING DATE: 03-April-1997
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: GUTMAN, CHARLES
; REGISTRATION NUMBER: 29,161
; REFERENCE/DOCKET NUMBER: 4421-4
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (516) 747-0300
; TELEFAX: (516) 747-5638
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single stranded
; TOPOLOGY: Linear
; MOLECULE TYPE: Genomic DNA
US-08-832-449A-1

Query Match 4.6%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 1.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 919 TCATCACCACCCCTCC 936
Db 18 TCATCCCACTTCTCC 1

RESULT 81
US-08-765-626-23
; Sequence 23, Application US/08765626
; Patent No. 6071726
; GENERAL INFORMATION:
; APPLICANT: Visible Genetics Inc.
; APPLICANT: Diamandis, Eleftherios
; APPLICANT: Dunn, James M.
; APPLICANT: Stevens, John K.
; TITLE OF INVENTION: Method, Reagents and Kit for Diagnosis
; and Targeted Screening for p53 Mutations
; NUMBER OF SEQUENCES: 41
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Oppedahl & Larson

```

; STREET: 1992 Commerce Street, Suite 309
; CITY: Yorktown Heights
; STATE: NY
; COUNTRY: USA
; ZIP: 10598-4412
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 inch, 1.44 Mb
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS 5.0
; SOFTWARE: Word Perfect
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/765,626
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/08605
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/388,381
; FILING DATE: 14-FEB-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Marina T. Larson
; REGISTRATION NUMBER: 32,038
; REFERENCE/DOCKET NUMBER: VGEN.P-003-US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (914) 245-3252
; TELEFAX: (914) 962-4330
; TELEX:
;
; INFORMATION FOR SEQ ID NO: 23:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: genomic DNA
; HYPOTHETICAL: no
; ANTI-SENSE: yes
; FRAGMENT TYPE: internal
; ORIGINAL SOURCE: human
; ORGANISM: human
; FEATURE:
; NAME/KEY: sequencing primer for exon 2 of human p53 gene
;
US-08-765-626-23

```

```

Query Match 4.6%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 1.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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QY 816 CAGGGTGGCTGTCTC 833
Db 2 CAGGGTTGAAGCGTCTC 19

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RESULT 82
PCT-US95-08605-23
; Sequence 23, Application PC/TUS9508605
; GENERAL INFORMATION:
; APPLICANT: Visible Genetics Inc.
; APPLICANT: Diamandis, Eleftherios
; APPLICANT: Dunn, James M.
; APPLICANT: Stevens, John K.
; TITLE OF INVENTION: Method, Reagents and Kit for Diagnosis
; TITLE OF INVENTION: Method, and Targeted Screening for p53 Mutations
; NUMBER OF SEQUENCES: 41
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Oppedahl & Larson
; STREET: 1992 Commerce Street, Suite 309
; CITY: Yorktown Heights
; STATE: NY
; COUNTRY: USA
; ZIP: 10598-4412
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 inch, 1.44 Mb

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```

; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS 5.0
; SOFTWARE: Word Perfect
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/08605
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/271,946
; FILING DATE: 08-JUL-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/388,381
; FILING DATE: 14-FEB-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Marina T. Larson
; REGISTRATION NUMBER: 32,038
; REFERENCE/DOCKET NUMBER: VGEN.P-003-US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (914) 245-3252
; TELEFAX: (914) 962-4330
; TELEX:
;
; INFORMATION FOR SEQ ID NO: 23:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: genomic DNA
; HYPOTHETICAL: no
; ANTI-SENSE: yes
; FRAGMENT TYPE: internal
; ORIGINAL SOURCE: human
; ORGANISM: human
; FEATURE:
; NAME/KEY: sequencing primer for exon 2 of human p53 gene
;
PCT-US95-08605-23

```

```

Query Match 4.6%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 1.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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```

QY 816 CAGGGTGGCTGTCTC 833
Db 2 CAGGGTTGAAGCGTCTC 19

```

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RESULT 83
US-08-244-269-27/c
; Sequence 27, Application US/08244269
; Patent No. 5620847
; GENERAL INFORMATION:
; APPLICANT: Greisen, Kay S.
; APPLICANT: Leong, Diane U.
; TITLE OF INVENTION: Methods and Reagents for Detection of
; TITLE OF INVENTION: Bacteria in Cerebrospinal Fluid
; NUMBER OF SEQUENCES: 48
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hoffmann-La Roche Inc.
; STREET: 340 Kingsland Street
; CITY: Nutley
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 07110-1199
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/244,269
; FILING DATE: 05-MAY-1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:

```

```

; APPLICATION NUMBER: US 07/593,176
; FILING DATE: 05-OCT-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/596,448
; FILING DATE: 06-MAY-1991
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/738,393
; FILING DATE: 31-JULY-1991
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US 92/06365
; FILING DATE: 31-JULY-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Sias, Stacey R.
; REGISTRATION NUMBER: 32,630
; REFERENCE/DOCKET NUMBER: 8681
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (510) 814-2863
; TELEFAX: (510) 522-1285
; INFORMATION FOR SEQ ID NO: 27:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-244-269-27

Query Match 4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 921 ATCACCACCACTCCAG 938
Db 20 ATCCCCACCTCTCTCCAG 3

RESULT 84
US-08-348-683-2/c
; Sequence 2, Application US/08348683
; Patent No. 5635348
; GENERAL INFORMATION:
; APPLICANT: Leong, Diane U.
; TITLE OF INVENTION: Method and Reagents for Identifying
; TITLE OF INVENTION: Bacteria Found in Blood
; NUMBER OF SEQUENCES: 25
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hoffmann-La Roche Inc.
; STREET: 340 Kingsland Street
; CITY: Nutley
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 07110
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/348,683
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/526,840
; FILING DATE: 11-SEP-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: BAKER, Jean C.
; REGISTRATION NUMBER: 35,433
; REFERENCE/DOCKET NUMBER: 850586.90012
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (414) 277-5000
; TELEFAX: (414) 277-5591
; INFORMATION FOR SEQ ID NO: 126:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-743-637B-126

Query Match 4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 919 TCATCCACCACTCTCTCC 936
Db 18 TCATCCCACTCTCTCTCC 1

US-08-348-683-2
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-348-683-2

Query Match 4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 921 ATCACCACCACTCTCCAG 938
Db 20 ATCCCCACCTCTCTCCAG 3

RESULT 85
US-08-743-637B-126/c
; Sequence 126, Application US/08743637B
; Patent No. 5994066
; GENERAL INFORMATION:
; APPLICANT: BERGERON, Michel G.
; APPLICANT: PICARD, Francois J.
; APPLICANT: OUELLETTE, Marc
; APPLICANT: ROY, Paul H.
; TITLE OF INVENTION: SPECIES-SPECIFIC AND UNIVERSAL DNA
; TITLE OF INVENTION: PROBES AND AMPLIFICATION PRIMERS TO RAPIDLY DETECT AND
; TITLE OF INVENTION: IDENTIFY COMMON BACTERIAL PATHOGENS AND ASSOCIATED
; TITLE OF INVENTION: ANTIBIOTIC RESISTANCE GENES FROM CLINICAL SPECIMENS ...
; NUMBER OF SEQUENCES: 273
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: QUARLES & BRADY
; STREET: 411 EAST WISCONSIN AVENUE
; CITY: MILWAUKEE
; STATE: WISCONSIN
; COUNTRY: USA
; ZIP: 53202-4497
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/743,637B
; FILING DATE: 04-NOV-1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/526,840
; FILING DATE: 11-SEP-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: BAKER, Jean C.
; REGISTRATION NUMBER: 35,433
; REFERENCE/DOCKET NUMBER: 850586.90012
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (414) 277-5000
; TELEFAX: (414) 277-5591
; INFORMATION FOR SEQ ID NO: 126:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-743-637B-126

Query Match 4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 919 TCATCCACCACTCTCTCC 936
Db 18 TCATCCCACTCTCTCTCC 1
```

```
RESULT 86
US-08-526-840B-126/c
; Sequence 126, Application US/08526840B
; Patent No. 6001564
; GENERAL INFORMATION:
; APPLICANT: BERGERON, Michel G.
; APPLICANT: OUELLETTE, Marc
; APPLICANT: ROY, Paul H.
; TITLE OF INVENTION: SPECIFIC AND UNIVERSAL PROBES AND
; AMPLIFICATION PRIMERS TO RAPIDLY DETECT AND IDENTIFY
; TITLE OF INVENTION: COMMON BACTERIAL PATHOGENS AND ANTIBIOTIC RESISTANCE GENES
; TITLE OF INVENTION: FROM CLINICAL SPECIMENS FOR ROUTINE DIAGNOSIS IN ...
; NUMBER OF SEQUENCES: 177
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: QUARLES & BRADY
; STREET: 411 East Wisconsin Avenue
; CITY: Milwaukee
; STATE: Wisconsin
; COUNTRY: USA
; ZIP: 53202-4497
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/526,840B
; FILING DATE: 11-SEP-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/304,732
; FILING DATE: 12-SEP-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: BAKER, Jean C.
; REGISTRATION NUMBER: 35,433
; REFERENCE/DOCKET NUMBER: 850586.90012
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (414) 277-5000
; TELEFAX: (414) 277-5591
; INFORMATION FOR SEQ ID NO: 126:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-526-840B-126

Query Match 4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 919 TCATCACCACCCCTCC 936
DB 18 TCATCCCACTTCTCTCC 1

RESULT 87
US-09-166-186-30
; Sequence 30, Application US/09166186A
; Patent No. 6080580
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda
; APPLICANT: Bennett, C. Frank
; APPLICANT: Butler, Madeline M.
; APPLICANT: Shanahan, William R.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-a EXPRESSION
; FILE REFERENCE: ISPH-0322
; CURRENT APPLICATION NUMBER: US/09/166,186A
; CURRENT FILING DATE: 1998-10-05
; NUMBER OF SEQ ID NOS: 250
; SEQ ID NO: 30

Query Match 4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 801 AGCTCTCTCCAACTCAG 818
DB 3 AGCTGGCTCGAACTCAG 20

RESULT 89
US-09-490-692-29
; Sequence 29, Application US/09490692
; Patent No. 6180353
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF DAXX EXPRESSION
; FILE REFERENCE: RTS-0120
; CURRENT APPLICATION NUMBER: US/09/490,692
; CURRENT FILING DATE: 2000-01-24
; NUMBER OF SEQ ID NOS: 176
; SEQ ID NO: 29
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-490-692-29

Query Match 4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 810 CCAACTCAGGGTTGGCTG 827
```

```
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: antisense sequence
US-09-166-186-30

Query Match 4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 759 CCCTAGGCCCTCCACTTCT 776
DB 2 CCCTAAGCCCCCAATTCT 19

RESULT 88
US-09-280-799-93
; Sequence 93, Application US/09280799
; Patent No. 6136803
; GENERAL INFORMATION:
; APPLICANT: Dean, Nicholas M.
; APPLICANT: Karras, James G
; APPLICANT: McKay, Robert
; TITLE OF INVENTION: ANTISENSE MODULATION OF INTERLEUKIN-5 SIGNAL
; FILE REFERENCE: ISPH-0340
; CURRENT APPLICATION NUMBER: US/09/280,799
; CURRENT FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 208
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO: 93
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-280-799-93

Query Match 4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 801 AGCTCTCTCCAACTCAG 818
DB 3 AGCTGGCTCGAACTCAG 20

RESULT 89
US-09-490-692-29
; Sequence 29, Application US/09490692
; Patent No. 6180353
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF DAXX EXPRESSION
; FILE REFERENCE: RTS-0120
; CURRENT APPLICATION NUMBER: US/09/490,692
; CURRENT FILING DATE: 2000-01-24
; NUMBER OF SEQ ID NOS: 176
; SEQ ID NO: 29
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-490-692-29

Query Match 4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 810 CCAACTCAGGGTTGGCTG 827
```

Db 3 CCACCTCAGGTGGTCTG 20
|||||

RESULT 90
US-09-311-260-165/c
; Sequence 165, Application US/09311260
; Patent No. 6214555
; GENERAL INFORMATION:
; APPLICANT: Leushner, James
; APPLICANT: Hui, May
; APPLICANT: Dunn, James M.
; APPLICANT: LeCroix, Jean-Michel
; TITLE OF INVENTION: METHOD, COMPOSITIONS AND KIT FOR DETECTION OF
; TITLE OF INVENTION: MICROORGANISMS AND BI-DIRECTIONAL SEQUENCING OF NUCLEIC ACID
; NUMBER OF SEQUENCES: 189
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Oppedahl & Larson LLP
; STREET: P.O. Box 5270
; CITY: Frisco
; STATE: CO
; COUNTRY: US
; ZIP: 80443-5270
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette - 3.5 inch, 1.44 Mb storage
; COMPUTER: IBM compatible
; OPERATING SYSTEM: MS DOS
; SOFTWARE: Word Perfect
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/311,260
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Larson, Marina T.
; REGISTRATION NUMBER: 32,038
; REFERENCE/DOCKET NUMBER: VGEN.P-058-US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (970) 668-2050
; TELEFAX: (970) 668-2082
; TELEX:
; INFORMATION FOR SEQ ID NO: 165:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; HYPOTHETICAL: no
; ANTI-SENSE: yes
; FRAGMENT TYPE: internal
US-09-311-260-165

Query Match 4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 921 ATCCACCACCTCCAG 938
|||

Db 20 ATCCACCACCTCCAG 3
|||

RESULT 91
US-09-313-932-30
; Sequence 30, Application US/09313932A
; Patent No. 6228642
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda
; APPLICANT: Bennett, C. Frank
; APPLICANT: Butler, Madeline M.

; APPLICANT: Shanahan, William R.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-
; FILE REFERENCE: ISPH-0356
; CURRENT APPLICATION NUMBER: US/09/313,932A
; CURRENT FILING DATE: 1999-05-18
; NUMBER OF SEQ ID NOS: 501
; SEQ ID NO 30
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-313-932-30

Query Match 4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 759 CCTAGGCTCCACTTCT 776
|||

Db 2 CCTAGGCTCCACTTCT 19
|||

RESULT 92
US-09-517-467B-81/c
; Sequence 81, Application US/09517467B
; Patent No. 6451602
; GENERAL INFORMATION:
; APPLICANT: Ian Popoff
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF PARP EXPRESSION
; FILE REFERENCE: RTS-0150
; CURRENT APPLICATION NUMBER: US/09/517,467B
; CURRENT FILING DATE: 2001-03-02
; PRIOR APPLICATION NUMBER: 09/517,467
; PRIOR FILING DATE: 2000-03-02
; NUMBER OF SEQ ID NOS: 345
; SEQ ID NO 81
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense oligonucleotide
US-09-517-467B-81

Query Match 4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 717 GGAGAGTGACTCTGGTCA 734
|||

Db 19 GGAGATTGACTATGGCCA 2
|||

RESULT 93
US-09-422-978-4564/c
; Sequence 4564, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21

; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 4564
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..20
; OTHER INFORMATION: upstream amplification primer 99-15916 for SEQ 630,
US-09-422-978-4564

Query Match 4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 917 TATCATCACCACCACTCT 934
Db 19 TATCATCAAAACCACTCT 2

RESULT 94
US-09-422-978-5296
; Sequence 5296, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; EARLIER FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 5296
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..20
; OTHER INFORMATION: upstream amplification primer 99-23312 for SEQ 1362,
US-09-422-978-5296

Query Match 4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 888 CACTTACTTCTCAGCTTC 905
Db 3 CACTTACTTCTCAGCTC 20

RESULT 95
US-09-422-978-7138/c
; Sequence 7138, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; EARLIER FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732

; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 7138
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..20
; OTHER INFORMATION: upstream amplification primer 99-24753 for SEQ 3204,
US-09-422-978-7138

Query Match 4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 825 CTGTGCTCTTTCTTCTCT 842
Db 20 CTGTGCTCTTTTCTTCT 3

RESULT 96
US-09-198-452A-2547/c
; Sequence 2547, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffiths, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments thereof and uses thereof, in particular for the diagnosis, prevention and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 2547
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-2547

Query Match 4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 726 CTCGTGCTCATTAGGCTTG 743
Db 19 CTCGTGCTCATTAGGCTTG 2

RESULT 97
US-09-601-144-54
; Sequence 54, Application US/09601144
; Patent No. 6568514
; GENERAL INFORMATION:
; APPLICANT: Wright, Jim A.
; APPLICANT: Young, Aiping H.
; APPLICANT: Lee, Yoon S.
; TITLE OF INVENTION: OLIGONUCLEOTIDE SEQUENCES COMPLEMENTARY TO THIOREDOXIN AND THIOREDOXIN REDUCTASE GENES AND METHODS OF USING SAME TO MODULATE CELL GROWTH
; FILE REFERENCE: 893-112US-A
; CURRENT APPLICATION NUMBER: US/09/601,144
; CURRENT FILING DATE: 2000-10-18
; PRIOR APPLICATION NUMBER: US 60/073,196
; PRIOR FILING DATE: 1998-01-30
; NUMBER OF SEQ ID NOS: 74
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 54
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Human


```
US-09-601-144-54
Query Match          4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 788 CTCTGGTCCAGAGCTC 805
DB 2 CGCAGGTCCAGAGCCC 19

RESULT 98
US-09-033-936-14/c
; Sequence 14, Application US/09033936
; Patent No. 6632976
; GENERAL INFORMATION:
; APPLICANT: TOMIZUKA, KAZUWA
; APPLICANT: YOSHIDA, HITOSHI
; APPLICANT: HANAOKA, KAZUNORI
; APPLICANT: OSHIMURA, MITSUO
; APPLICANT: ISHIDA, ISAO
; TITLE OF INVENTION: CHIMERIC ANIMAL AND METHOD FOR PRODUCING THE SAME
; FILE REFERENCE: 081356/0114
; CURRENT APPLICATION NUMBER: US/09/033,936
; CURRENT FILING DATE: 1998-03-02
; PRIOR APPLICATION NUMBER: PCT/JP96/02427
; PRIOR FILING DATE: 1996-08-29
; NUMBER OF SEQ ID NOS: 74
; SOFTWARE: Patent in Ver. 2.1
; SEQ ID NO 14
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-033-936-14

Query Match          4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 765 GCCTCCACTTCGAGGC 782
DB 18 GCTTCGCTCTCTGAGGC 1

RESULT 99
US-09-033-936-22/c
; Sequence 22, Application US/09033936
; Patent No. 6632976
; GENERAL INFORMATION:
; APPLICANT: TOMIZUKA, KAZUWA
; APPLICANT: YOSHIDA, HITOSHI
; APPLICANT: HANAOKA, KAZUNORI
; APPLICANT: OSHIMURA, MITSUO
; APPLICANT: ISHIDA, ISAO
; TITLE OF INVENTION: CHIMERIC ANIMAL AND METHOD FOR PRODUCING THE SAME
; FILE REFERENCE: 081356/0114
; CURRENT APPLICATION NUMBER: US/09/033,936
; CURRENT FILING DATE: 1998-03-02
; PRIOR APPLICATION NUMBER: PCT/JP96/02427
; PRIOR FILING DATE: 1996-08-29
; NUMBER OF SEQ ID NOS: 74
; SOFTWARE: Patent in Ver. 2.1
; SEQ ID NO 22
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-033-936-22

Query Match          4.6%; Score 13.2; DB 1; Length 20;
```

```
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 765 GCCTCCACTTCGAGGC 782
DB 18 GCTTCGCTCTCTGAGGC 1

RESULT 100
US-09-548-797B-103/c
; Sequence 103, Application US/09548797B
; Patent No. 6683165
; GENERAL INFORMATION:
; APPLICANT: KEITH, TIM
; TITLE OF INVENTION: NOVEL HUMAN GENE RELATING TO RESPIRATORY DISEASES AND
; TITLE OF INVENTION: OBESITY
; FILE REFERENCE: 2976-4039
; CURRENT APPLICATION NUMBER: US/09/548,797B
; CURRENT FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: 60/129,391
; PRIOR FILING DATE: 1999-04-13
; NUMBER OF SEQ ID NOS: 170
; SOFTWARE: Patent in Ver. 2.1
; SEQ ID NO 103
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-548-797B-103

Query Match          4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 764 GGCTCCACTTCGAGGC 781
DB 19 GGCTCTACTCTCTGAGAG 2

RESULT 101
US-09-874-601-119/c
; Sequence 119, Application US/09874601
; Patent No. 6632057
; GENERAL INFORMATION:
; APPLICANT: LEWIN, ALFRED S.
; APPLICANT: SHAW, LYNN C.
; APPLICANT: GRANT, MARIA B.
; TITLE OF INVENTION: ADENO-ASSOCIATED VIRUS-DELIVERED RIBOZYME COMPOSITIONS AND METHODS
; TITLE OF INVENTION: THE TREATMENT OF RETINAL DISEASES
; FILE REFERENCE: 4300.014100
; CURRENT APPLICATION NUMBER: US/09/874,601
; CURRENT FILING DATE: 2001-05-01
; PRIOR APPLICATION NUMBER: 09/063,667
; PRIOR FILING DATE: 1998-04-21
; PRIOR APPLICATION NUMBER: 60/046,147
; PRIOR FILING DATE: 1997-05-09
; PRIOR APPLICATION NUMBER: 60/044,492
; PRIOR FILING DATE: 1997-04-21
; NUMBER OF SEQ ID NOS: 182
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 119
; LENGTH: 14
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc.feature
; LOCATION: ()..()
; OTHER INFORMATION: SYNTHETIC OLIGONUCLEOTIDE
US-09-874-601-119

Query Match          4.5%; Score 13; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 83;
```

Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 770 CACTTCTGAGGC 782
 Db 13 CACTTCTGAGGC 1

RESULT 102
 US-08-363-240A-698
 ; Sequence 698, Application US/08363240A
 ; Patent No. 5705388
 ; GENERAL INFORMATION:
 ; APPLICANT: Couture, Larry
 ; APPLICANT: McSwiggen, James
 ; APPLICANT: Bisgaier, Charles
 ; APPLICANT: Page, Michael
 ; TITLE OF INVENTION: METHOD AND REAGENT FOR
 ; PREVENTION, INHIBITION OF
 ; TITLE OF INVENTION: PROGRESSION AND REGRESSION
 ; TITLE OF INVENTION: OF VASCULAR DISEASES
 ; NUMBER OF SEQUENCES: 1243
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Lyon & Lyon
 ; STREET: 633 West Fifth Street
 ; STREET: Suite 4700
 ; CITY: Los Angeles
 ; STATE: California
 ; COUNTRY: U.S.A.
 ; ZIP: 90071
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 ; MEDIUM TYPE: storage
 ; COMPUTER: IBM Compatible
 ; OPERATING SYSTEM: IBM P.C. DOS 5.0
 ; SOFTWARE: Word Perfect 5.1
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/363,240A
 ; FILING DATE: December 23, 1994
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER:
 ; FILING DATE:
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Warburg, Richard
 ; REGISTRATION NUMBER: 32,327
 ; REFERENCE/DOCKET NUMBER: 210/096
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (213) 489-1600
 ; TELEFAX: (213) 955-0440
 ; TELEX: 67-3510
 ; INFORMATION FOR SEQ ID NO: 698:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 15 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; US-08-363-240A-698

Query Match 4.5%; Score 13; DB 1; Length 15;
 Best Local Similarity 76.9%; Pred. No. 96;
 Matches 10; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

OY 917 TATCATCACCACC 929
 Db 2 UAUCAUACCACC 14

RESULT 103
 US-08-208-86C-10/c
 ; Sequence 10, Application US/0820886C
 ; Patent No. 5597710
 ; GENERAL INFORMATION:
 ; APPLICANT: Dalie, Barbara
 ; APPLICANT: Miller, Kenneth

; APPLICANT: Murgolo, Nicholas
 ; APPLICANT: Tindall, Stephen
 ; TITLE OF INVENTION: Humanized Monoclonal Antibodies Against Human Interleukin-4
 ; NUMBER OF SEQUENCES: 88
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Schering-Plough Corporation
 ; STREET: 2000 Galloping Hill Road
 ; CITY: Kenilworth
 ; STATE: New Jersey
 ; COUNTRY: USA
 ; ZIP: 07033-0530
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: Apple Macintosh
 ; OPERATING SYSTEM: Macintosh 7.1
 ; SOFTWARE: Microsoft Word 5.1a
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/208,886C
 ; FILING DATE: March 10, 1994
 ; CLASSIFICATION: 424
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER:
 ; FILING DATE:
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Foulke, Cynthia L.
 ; REGISTRATION NUMBER: 32,364
 ; REFERENCE/DOCKET NUMBER: JB0429
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 908 298 2987
 ; TELEFAX: 908 298 5388
 ; INFORMATION FOR SEQ ID NO: 10:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 16 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; US-08-208-86C-10

Query Match 4.5%; Score 13; DB 1; Length 16;
 Best Local Similarity 100.0%; Pred. No. 1.1e+02;
 Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 718 GAGAGTCACTCTG 730
 Db 16 GAGAGTCACTCTG 4

RESULT 104
 US-08-704-744-10/c
 ; Sequence 10, Application US/08704744
 ; Patent No. 5705154
 ; GENERAL INFORMATION:
 ; APPLICANT: Dalie, Barbara
 ; APPLICANT: Miller, Kenneth
 ; APPLICANT: Murgolo, Nicholas
 ; APPLICANT: Tindall, Stephen
 ; TITLE OF INVENTION: Humanized Monoclonal Antibodies Against Human Interleukin-4
 ; NUMBER OF SEQUENCES: 90
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Schering-Plough Corporation
 ; STREET: 2000 Galloping Hill Road
 ; CITY: Kenilworth
 ; STATE: New Jersey
 ; COUNTRY: USA
 ; ZIP: 07033-0530
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: Apple Macintosh
 ; OPERATING SYSTEM: Macintosh 7.5.3
 ; SOFTWARE: Microsoft Word 5.1a
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/704,744
 ; FILING DATE: 06-SEPT-1996


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; APPLICATION NUMBER: US 07/782,784
; FILING DATE: 24-OCT-1991
; APPLICATION NUMBER: US 07/499,327
; FILING DATE: 21-MAY-1990
; APPLICATION NUMBER: PCT/US88/03631
; FILING DATE: 21-OCT-1988
; APPLICATION NUMBER: US 07/655,966
; FILING DATE: 14-FEB-1991
; APPLICATION NUMBER: US 07/113,623
; FILING DATE: 26-OCT-1987
; APPLICATION NUMBER: US 06/881,553
; FILING DATE: 03-JUL-1986
; APPLICATION NUMBER: US 06/843,958
; FILING DATE: 25-MAR-1986
; APPLICATION NUMBER: US 06/799,668
; FILING DATE: 19-NOV-1985
; ATTORNEY/AGENT INFORMATION:
; NAME: Foulke, Cynthia L.
; REGISTRATION NUMBER: 32,364
; REFERENCE/DOCKET NUMBER: 2409K7
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 908 298-2987
; TELEFAX: 908-298-5388
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-290-793B-10

Query Match 4.5%; Score 13; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 1.1e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 718 GAGAGTGACTCTG 730
Db 16 GAGAGTGACTCTG 4

RESULT 107
US-09-357-072-44/c
; Sequence 44, Application US/09357072
; Patent No. 6015712
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Brenda F. Baker
; APPLICANT: Hong Zhang
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF FADD EXPRESSION
; FILE REFERENCE: RTS-0027
; CURRENT APPLICATION NUMBER: US/09/357,072
; CURRENT FILING DATE: 1999-07-19
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 44
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
; US-09-357-072-44

Query Match 4.5%; Score 13; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.1e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 967 ACTCTCTATATCT 979
Db 18 ACTCTCTAAATCT 6

RESULT 108
US-09-630-706-75/c

; Sequence 75, Application US/09630706
; Patent No. 6277640
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF HER-3 EXPRESSION
; FILE REFERENCE: RTS-0053
; CURRENT APPLICATION NUMBER: US/09/630,706
; CURRENT FILING DATE: 2000-08-01
; NUMBER OF SEQ ID NOS: 94
; SEQ ID NO 75
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
; US-09-630-706-75

Query Match 4.5%; Score 13; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 863 CCAGTTGGAACAC 875
Db 13 CCAGTTGGAACAC 1

RESULT 109
US-07-767-135-18/c
; Sequence 18, Application US/07767135
; Patent No. 5234811
; GENERAL INFORMATION:
; APPLICANT: Beutler, Ernest
; APPLICANT: Soryse, Joseph A.
; TITLE OF INVENTION: An Assay for a New Gaucher Disease
; TITLE OF INVENTION: Mutation
; NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: The Scripps Research Institute, Office of
; ADDRESSEE: Patent Counsel
; STREET: 3366 No. 5234811th Torrey Pines Court, Suite 240
; CITY: La Jolla
; STATE: CA
; COUNTRY: USA
; ZIP: 92037
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/767,135
; FILING DATE: 19910927
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Bingham, Douglas A.
; REGISTRATION NUMBER: 32,457
; REFERENCE/DOCKET NUMBER: SCRO422P
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 619-554-2937
; TELEFAX: 619-554-6312
; INFORMATION FOR SEQ ID NO: 18:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
```

US-07-767-135-18

Query Match 4.5%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.7e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 843 CTGAAGACAGCGT 855
DB 14 CTGAAGACAGCGT 2

RESULT 110

US-07-841-652-9/c
; Sequence 9, Application US/07841652
; Patent No. 5286459
; GENERAL INFORMATION:
; APPLICANT: Beutler, Ernest
; TITLE OF INVENTION: GAUCHER'S DISEASE: DETECTION OF A NEW
; TITLE OF INVENTION: MUTATION IN INTRON 2 OF THE GLUCOCEREBROSIDASE GENE
; NUMBER OF SEQUENCES: 28
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: The Scripps Research Institute, Office of
; ADDRESSEE: Patent Counsel
; STREET: 10666 No. 5266459th Torrey Pines Road, TPC 8
; CITY: La Jolla
; STATE: CA
; COUNTRY: USA
; ZIP: 92037
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/841,652
; FILING DATE: 19920224
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Bingham, Douglas A.
; REGISTRATION NUMBER: 32,457
; REFERENCE/DOCKET NUMBER: SCRC0670P
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 619-554-2937
; TELEFAX: 619-554-6312
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
US-07-841-652-9

Query Match 4.5%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.7e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 843 CTGAAGACAGCGT 855
DB 14 CTGAAGACAGCGT 2

RESULT 111

US-08-951-718-7
; Sequence 7, Application US/08951718
; Patent No. 5969127
; GENERAL INFORMATION:
; APPLICANT: Yu, Su-May

; APPLICANT: Chan, Ming-Tsair
; TITLE OF INVENTION: 3' UNTRANSLATED REGIONS OF
; TITLE OF INVENTION: ALPHA-AMYLASE GENES
; NUMBER OF SEQUENCES: 17
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson, P.C.
; STREET: 225 Franklin Street
; CITY: Boston
; STATE: MA
; COUNTRY: US
; ZIP: 02110-2804
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows95
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/951,718
; FILING DATE: 16-OCT-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Tsao, Y. Rocky
; REGISTRATION NUMBER: 34,053
; REFERENCE/DOCKET NUMBER: 08919/002001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-542-5070
; TELEFAX: 617-542-8906
; TELEX: 200154
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-951-718-7

Query Match 4.5%; Score 13; DB 1; Length 20;
Best Local Similarity 76.5%; Pred. No. 1.7e+02;
Matches 13; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 720 GAGTGACTCTGGTCATA 736
DB 1 GCGGGACTCTSSTCATA 17

RESULT 112

US-09-572-423B-20/c
; Sequence 20, Application US/09572423B
; Patent No. 6331399
; GENERAL INFORMATION:
; APPLICANT: Brett P. Moria
; APPLICANT: William A. Gaarde
; APPLICANT: Edward Wancewicz
; TITLE OF INVENTION: ANTISENSE MODULATION OF TERT EXPRESSION
; FILE REFERENCE: ISPH-0462
; CURRENT APPLICATION NUMBER: US/09/572,423B
; CURRENT FILING DATE: 2000-05-16
; NUMBER OF SEQ ID NOS: 29
; SEQ ID NO 20
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-572-423B-20

Query Match 4.5%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.7e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 818 GGGTTGGCTGTGT 830
Db 19 GGGTTGGCTGTGT 7
RESULT 113
US-09-733-294A-20/c
; Sequence 20, Application US/09733294A
; Patent No. 6492171
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: William Gaarde
; APPLICANT: Susan M. Freier
; APPLICANT: Edward V. Mancewicz
; TITLE OF INVENTION: ANTISENSE MODULATION OF TERT EXPRESSION
; FILE REFERENCE: ISPH-0527
; CURRENT APPLICATION NUMBER: US/09/733,294A
; CURRENT FILING DATE: 2000-12-07
; PRIOR APPLICATION NUMBER: 09/572,423
; PRIOR FILING DATE: 2000-05-16
; NUMBER OF SEQ ID NOS: 108
; SEQ ID NO 20
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-733-294A-20
Query Match 4.5%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.7e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 818 GGGTTGGCTGTGT 830
Db 19 GGGTTGGCTGTGT 7
RESULT 114
US-08-092-215-7/c
; Sequence 7, Application US/08092215
; Patent No. 5591821
; GENERAL INFORMATION:
; APPLICANT: Olivera, Baldomero M.
; APPLICANT: Hillyard, David R.
; APPLICANT: Imperial, Julia S.
; APPLICANT: Monje, Virginia D.
; TITLE OF INVENTION: w-Conotoxin Peptides
; NUMBER OF SEQUENCES: 13
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Venable, Baetjer, Howard & Civiletti
; STREET: 1201 New York Avenue N.W., Suite 1000
; CITY: Washington
; STATE: DC
; ZIP: 20005
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/092,215
; FILING DATE:
; CLASSIFICATION: 530
; ATTORNEY/AGENT INFORMATION:
; NAME: Ihnen, Jeffrey L.
; REGISTRATION NUMBER: 28,957
; REFERENCE/DOCKET NUMBER: 24260-107674
; TELEPHONE: 202-962-4810
; TELEFAX: 202-962-8300
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:

; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: CDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Conus magus
US-08-092-215-7
Query Match 4.4%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 727 TCTGTCATAGGACTT 742
Db 17 TCATGTCATAGGACTT 2
RESULT 115
US-08-390-850-16/c
; Sequence 16, Application US/08390850
; Patent No. 5612215
; GENERAL INFORMATION:
; APPLICANT: Draper, Kenneth G.
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Gustofson, John
; APPLICANT: Stinchcomb, Dan T.
; TITLE OF INVENTION: METHOD AND REAGENT FOR TREATMENT
; TITLE OF INVENTION: OF ARTHRITIC CONDITIONS
; NUMBER OF SEQUENCES: 1151
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/390,850
; FILING DATE: February 17, 1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/354,920
; FILING DATE: December 13, 1994
; APPLICATION NUMBER: 08/152,487
; FILING DATE: NO. 5612215ember 12, 1993
; APPLICATION NUMBER: 07/989,848
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 211/084
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 16:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-390-850-16

Query Match 4.4%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 815 TCAGGTTGGCTGTGT 830
Db 17 TCAGTGTGGCTGTGT 2

RESULT 116
US-08-373-124A-1359
; Sequence 1359, Application US/08373124A
; Patent No. 5646042
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/373,124A
FILING DATE: January 13, 1995
PRIOR APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 1359:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-373-124A-1359

Query Match 4.4%; Score 12.8; DB 1; Length 17;
Best Local Similarity 68.8%; Pred. No. 1.4e+02;
Matches 11; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 803 CTCTCTCCCAACACG 818
Db 2 CUCACCUCAUCUACG 17

RESULT 117
US-08-435-634-16/c
; Sequence 16, Application US/08435634
; Patent No. 5731295
; GENERAL INFORMATION:
; APPLICANT: Draper, Kenneth G.
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Gustofson, John
; APPLICANT: Stinchcomb, Dan T.
; TITLE OF INVENTION: METHOD AND REAGENT FOR TREATMENT
; TITLE OF INVENTION: OF ARTHRITIC CONDITIONS
; NUMBER OF SEQUENCES: 1151
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/435,634
FILING DATE: 05-MAY-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/390,850
FILING DATE: February 17, 1995
APPLICATION NUMBER: 08/354,920
FILING DATE: December 13, 1994
APPLICATION NUMBER: 08/152,487
FILING DATE: No. 5731295ember 12, 1993
APPLICATION NUMBER: 07/989,848
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 211/084
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-435-634-16

Query Match 4.4%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 815 TCAGGTTGGCTGTGT 830
Db 17 TCAGTGTGGCTGTGT 2

RESULT 118
US-08-435-628-1359
; Sequence 1359, Application US/08435628
; Patent No. 5817796
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James

APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TREATMENT OF RESTENOSIS AND
CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Suite 4700
STATE: Los Angeles
COUNTRY: California
ZIP: U.S.A.
90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/435,628
FILING DATE: 05-MAY-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/373,124
FILING DATE: January 13, 1995
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1359:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-435-628-1359

Query Match 4.4%; Score 12.8; DB 1; Length 17;
Best Local Similarity 68.8%; Pred. No. 1.4e+02;
Matches 11; Conservative 3; Mismatches 2; Indels 0; Gaps 0;
QY 803 CTCCTCTCCCACTCAG 818
Db 2 CUCACCUCAUCUCAG 17
RESULT 119
US-09-371-772B-6327/c
Sequence 6327, Application US/09371772B
Patent No. 6586127
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
TITLE OF INVENTION: Method of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MBH00.876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B

CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: Patent in version 3.0
SEQ ID NO 6327
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-371-772B-6327

Query Match 4.4%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 821 TTGGCTGTGTCCTTT 836
Db 16 TTCTCTGTGTCCTTT 1

RESULT 120
US-09-866-108A-227
Sequence 227, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Acomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 227
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-227

Query Match 4.4%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 797 CAAGAGCTCTCTCCA 812


```

; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 6097
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-6097

Query Match          4.4%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      775 CTGAGGCGACCCCTC 790
Db      1 CTGTGAGCAGCCCTC 16

RESULT 124
US-09-339-775-28
; Sequence 28, Application US/09339775
; Patent No. 6063626
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF G-ALPHA-I3 EXPRESSION
; FILE REFERENCE: RTS-0069
; CURRENT APPLICATION NUMBER: US/09/339,775
; CURRENT FILING DATE: 1999-06-24
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 28
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-339-775-28

Query Match          4.4%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 1.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      829 GTCTCTTTCTTCTCT 844
Db      2 GTATCTTTCTTCTGT 17

RESULT 125
US-09-289-466-23/c
; Sequence 23, Application US/09289466A
; Patent No. 6124272
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF PDK-1 EXPRESSION
; FILE REFERENCE: RTS-0060
; CURRENT APPLICATION NUMBER: US/09/289,466A
; CURRENT FILING DATE: 1999-04-09
; NUMBER OF SEQ ID NOS: 86
; SEQ ID NO 23
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-289-466-23

Query Match          4.4%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 1.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      944 TTTACGCGAGGAGGC 959
Db      3 TTAACGCGAGGAGGC 18

RESULT 127
US-09-026-601-26
; Sequence 26, Application US/09026601
; Patent No. 6358680
; GENERAL INFORMATION:
; APPLICANT: Beck, James J.
; TITLE OF INVENTION: Detection of Wheat and Barley Fungal
; TITLE OF INVENTION: Pathogens Using the Polymerase Chain Reaction
; NUMBER OF SEQUENCES: 41
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: No. 6358680artis Corporation
; STREET: 3054 Cornwallis Road
; CITY: Research Triangle Park
; STATE: No. 6358680th Carolina
; COUNTRY: USA
; ZIP: 27709
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/026,601
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Meigs, J. Timothy
; REGISTRATION NUMBER: 38,241
; REFERENCE/DOCKET NUMBER: CGC 1984
; TELECOMMUNICATION INFORMATION:

```

```

Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      930 ACCCTCCAGAGATT 945
Db      18 AACCTCCAGAGATAT 3

RESULT 126
US-09-251-645-21
; Sequence 21, Application US/09251645
; Patent No. 6281413
; GENERAL INFORMATION:
; APPLICANT: Kramer, Vance C.
; APPLICANT: Morgan, Michael K.
; APPLICANT: Anderson, Arne R.
; APPLICANT: Hart, Hope
; APPLICANT: Warren, Gregory W.
; APPLICANT: Dunn, Martha
; APPLICANT: Chen, Jeng S.
; TITLE OF INVENTION: NOVEL INSECTICIDAL TOXINS FROM PHOTORHABDUS LUMINESCENS
; TITLE OF INVENTION: AND NUCLEIC ACID SEQUENCES CODING THEREFOR
; FILE REFERENCE: CGC1963/A
; CURRENT APPLICATION NUMBER: US/09/251,645
; CURRENT FILING DATE: 1999-02-17
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: Patent In Ver. 2.0
; SEQ ID NO 21
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:oligonucleotide
US-09-251-645-21

Query Match          4.4%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 1.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      944 TTTACGCGAGGAGGC 959
Db      3 TTAACGCGAGGAGGC 18

RESULT 127
US-09-026-601-26
; Sequence 26, Application US/09026601
; Patent No. 6358680
; GENERAL INFORMATION:
; APPLICANT: Beck, James J.
; TITLE OF INVENTION: Detection of Wheat and Barley Fungal
; TITLE OF INVENTION: Pathogens Using the Polymerase Chain Reaction
; NUMBER OF SEQUENCES: 41
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: No. 6358680artis Corporation
; STREET: 3054 Cornwallis Road
; CITY: Research Triangle Park
; STATE: No. 6358680th Carolina
; COUNTRY: USA
; ZIP: 27709
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/026,601
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Meigs, J. Timothy
; REGISTRATION NUMBER: 38,241
; REFERENCE/DOCKET NUMBER: CGC 1984
; TELECOMMUNICATION INFORMATION:

```

```
;
; TELEPHONE: 919-541-8587
; TELEFAX: 919-541-8689
; INFORMATION FOR SEQ ID NO: 26:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "Primer JB660"
US-09-026-601-26

Query Match 4.4%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 1.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 707 GCGAGTCCGAGGAG 722
Db 2 GCGAGTCCGAGGAG 17

RESULT 128
US-09-422-978-8157/c
; Sequence 8157, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET 020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; EARLIER FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 8157
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: downstream amplification primer 99-14046 for SEQ 292, in compleme
US-09-422-978-8157

Query Match 4.4%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 1.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 920 CATCACCACCCCTC 935
Db 18 CATCACCACCCATC 3

RESULT 129
US-09-495-714C-122/c
; Sequence 122, Application US/09495714C
; Patent No. 6670465
; GENERAL INFORMATION:
; APPLICANT: University Technologies International Inc.
; TITLE OF INVENTION: RETINAL CALCIUM CHANNEL (ALPHA) 1F-SUBUNIT GENE
; FILE REFERENCE: 45499.4 (formerly 45074.6)
; CURRENT APPLICATION NUMBER: US/09/495,714C
; CURRENT FILING DATE: 2000-02-01
; NUMBER OF SEQ ID NOS: 138
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 122
; LENGTH: 18
```

```
;
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-495-714C-122

Query Match 4.4%; Score 12.8; DB 1; Length 18;
Best Local Similarity 77.8%; Pred. No. 1.5e+02;
Matches 14; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

Qy 792 GGTGCCAAGAGCTCTCT 809
Db 18 GGTGCCAAGAGCTCTCAT 1

RESULT 130
US-08-348-548-107
; Sequence 107, Application US/08348548
; Patent No. 6258529
; GENERAL INFORMATION:
; APPLICANT: Berdoz, Jose
; APPLICANT: Kraehenbuhl, Jean Pierre
; TITLE OF INVENTION: PCR AMPLIFICATION OF REARRANGED GENOMIC
; TITLE OF INVENTION: VARIABLE REGIONS OF IMMUNOGLOBULIN GENES
; NUMBER OF SEQUENCES: 108
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson
; STREET: 225 Franklin Street, Suite 3100
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02110-2804
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30B
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/348,548
; FILING DATE: 01-DEC-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Clark, Paul T.
; REGISTRATION NUMBER: 30,162
; REFERENCE/DOCKET NUMBER: 06132/009001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 542-5070
; TELEFAX: (617) 542-5070
; TELEX: 200154
; INFORMATION FOR SEQ ID NO: 107:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-08-348-548-107

Query Match 4.4%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 1.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 752 CCAGGTCCTTAGGCC 767
Db 3 CCAGAGTCCTTAGGCC 18

RESULT 131
US-09-338-907-490
; Sequence 490, Application US/09338907
; Patent No. 6265546
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Ilya, Chumakov
; APPLICANT: Bougueleret, Lydie
```

```
; TITLE OF INVENTION: PROSTATE CANCER GENE
; FILE REFERENCE: GENSET.18CPLCP
; CURRENT APPLICATION NUMBER: US/09/338,907
; CURRENT FILING DATE: 1999-06-23
; EARLIER APPLICATION NUMBER: 08/996,306
; EARLIER FILING DATE: 1997-12-22
; EARLIER APPLICATION NUMBER: 60/099,658
; EARLIER FILING DATE: 1998-09-09
; EARLIER APPLICATION NUMBER: 09/218,207
; EARLIER FILING DATE: 1998-12-22
; NUMBER OF SEQ ID NOS: 578
; SOFTWARE: Patent.pm
; SEQ ID NO 490
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 1..19
; OTHER INFORMATION: potential microsequencing oligo for 99-1480-230.misl
US-09-338-907-490

Query Match          4.4%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 1.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 918 ATCATCACCACCAACC 933
Db 3 ATCTTACCACCAACC 18

RESULT 132
US-09-218-207-490
; Sequence 490, Application US/09218207
; Patent No. 6346381
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Ilya, Chumakov
; APPLICANT: Bougueleret, Lydie
; TITLE OF INVENTION: Prostate cancer gene
; FILE REFERENCE: GENSET.018CPL
; CURRENT APPLICATION NUMBER: US/09/218,207
; CURRENT FILING DATE: 1998-12-22
; EARLIER APPLICATION NUMBER: 08/996,306
; EARLIER FILING DATE: 1997-12-22
; EARLIER APPLICATION NUMBER: 60/099,658
; EARLIER FILING DATE: 1998-09-09
; NUMBER OF SEQ ID NOS: 578
; SOFTWARE: Patent.pm
; SEQ ID NO 490
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 1..19
; OTHER INFORMATION: potential microsequencing oligo for 99-1480-230.misl
US-09-218-207-490

Query Match          4.4%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 1.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 918 ATCATCACCACCAACC 933
Db 3 ATCTTACCACCAACC 18

RESULT 133
US-09-844-634-6/c
; Sequence 6, Application US/09844634
; Patent No. 6410324
```

```
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF TUMOR NECROSIS FACTOR RECEPTOR 2 EXPRESSIO
; FILE REFERENCE: RTS-0216
; CURRENT APPLICATION NUMBER: US/09/844,634
; CURRENT FILING DATE: 2001-04-27
; NUMBER OF SEQ ID NOS: 174
; SEQ ID NO 6
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR Probe
US-09-844-634-6

Query Match          4.4%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 1.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 778 AGGCGACGCCCTCTGG 793
Db 17 AGGCGACGCCGTTTGG 2

RESULT 134
US-08-921-497-1/c
; Sequence 1, Application US/08921497
; Patent No. 6521225
; GENERAL INFORMATION:
; APPLICANT: Srivastava, Arun
; APPLICANT: Ponnazhagan, Selvarangan
; APPLICANT: Chloemer, Robert H.
; APPLICANT: Wang, Xu-Shan
; APPLICANT: Yoder, Mervin C.
; APPLICANT: Zhou, Shang-Zhen
; APPLICANT: Escobedo, Jaime
; APPLICANT: Varivani, Dwariki
; TITLE OF INVENTION: An AAV Vector Having Two Modified D-Sequences (As Amended)
; FILE REFERENCE: 1242.003
; CURRENT APPLICATION NUMBER: US/08/921,497
; CURRENT FILING DATE: 1997-09-02
; PRIOR APPLICATION NUMBER: US 60/025,616
; PRIOR FILING DATE: 1996-09-06
; PRIOR APPLICATION NUMBER: US 60/025,649
; PRIOR FILING DATE: 1996-09-11
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 1
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: The full sequence for lacZ from plasmid PCMV p-lacZ is found in
; OTHER INFORMATION: Ponnazhagan, et al., J. Gen Virol., 77:1111-1122 (1996)
; NAME/KEY: misc_feature
; OTHER INFORMATION: primer for lacZ
US-08-921-497-1

Query Match          4.4%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 1.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 920 CATCACCACCAACCCTC 935
Db 19 CATACACCAACCAGCTC 4

RESULT 135
US-09-982-212-39
; Sequence 39, Application US/09982212
; Patent No. 6617137
; GENERAL INFORMATION:
```

APPLICANT: Dean, Frank B.
APPLICANT: Lasken, Roger S.
TITLE OF INVENTION: NUCLEIC ACID AMPLIFICATION
FILE REFERENCE: 13172.001202
CURRENT APPLICATION NUMBER: US/09/982,212
CURRENT FILING DATE: 2001-10-18
PRIOR APPLICATION NUMBER: Unassigned
PRIOR FILING DATE: 2001-10-15
NUMBER OF SEQ ID NOS: 40
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 39
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence; No. 6617137e =
OTHER INFORMATION: synthetic construct
US-09-982-212-39

Query Match 4.4%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 1.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 705 CAGCGAGTCCCGAGGAG 720
DB 3 CATCGAGTCCCGAGGAG 18

RESULT 136
PCT-US95-15716-107
Sequence 107, Application PC/TUS9515716
GENERAL INFORMATION:
APPLICANT: Berdoz, Jose
APPLICANT: Kraenhuhl, Jean Pierre
TITLE OF INVENTION: PCR AMPLIFICATION OF REARRANGED GENOMIC
TITLE OF INVENTION: VARIABLE REGIONS OF IMMUNOGLOBULIN GENES
NUMBER OF SEQUENCES: 108
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson
STREET: 225 Franklin Street, Suite 3100
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02110-2804
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30B
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/15716
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/348,548
FILING DATE: 01-DEC-1994
ATTORNEY/AGENT INFORMATION:
NAME: Clark, Paul T.
REGISTRATION NUMBER: 30,162
REFERENCE/DOCKET NUMBER: 06132/009001
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 542-5070
TELEFAX: (617) 542-5070
TELEX: 200154
INFORMATION FOR SEQ ID NO: 107:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
PCT-US95-15716-107

Query Match 4.4%; Score 12.8; DB 1; Length 19;

Best Local Similarity 87.5%; Pred. No. 1.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 752 CAGCGTCCCTAGGCC 767
DB 3 CCAGAGTCCCTGGCC 18

RESULT 137
US-08-540-104-6/c
Sequence 6, Application US/08540104
Patent No. 5667993
GENERAL INFORMATION:
APPLICANT: Feitelson, Jerald S.
APPLICANT: Narva, Kenneth E.
TITLE OF INVENTION: Primers and Probes for the Identification of
TITLE OF INVENTION: Bacillus thuringiensis Genes and Isolates
NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS:
ADDRESSEE: Saliwanchik & Saliwanchik
STREET: 2421 N.W. 41st Street, Suite A-1
CITY: Gainesville
STATE: Florida
COUNTRY: USA
ZIP: 32606
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/540,104
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Saliwanchik, David R.
REGISTRATION NUMBER: 31,794
REFERENCE/DOCKET NUMBER: MA94
TELECOMMUNICATION INFORMATION:
TELEPHONE: (904) 375-8100
TELEFAX: (904) 372-5800
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 bases
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (synthetic)
US-08-540-104-6

Query Match 4.3%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 1.9e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 920 CATCACCACCCCTCCAG 938
DB 19 CATCCCCACCTCTCCGG 1

RESULT 138
US-08-620-717A-6/c
Sequence 6, Application US/08620717A
Patent No. 5670365
GENERAL INFORMATION:
APPLICANT: Feitelson, Jerald S.
TITLE OF INVENTION: Identification of, and Uses For, Nematicidal
TITLE OF INVENTION: Bacillus thuringiensis Genes, Toxins, and Isolates
NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS:
ADDRESSEE: Saliwanchik & Saliwanchik
STREET: 2421 N.W. 41st Street, Suite A-1
CITY: Gainesville
STATE: Florida

```
;
; COUNTRY: USA
; ZIP: 32606
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/620,717A
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/540,104
; FILING DATE: 06-OCT-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Saliwanchik, David R.
; REGISTRATION NUMBER: 31,794
; REFERENCE/DOCKET NUMBER: MA94.C1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (352) 375-8100
; TELEFAX: (352) 372-5800
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (synthetic)
; US-08-620-717A-6

Query Match 4.3%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 1.9e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 920 CATCACACACCTCCAG 938
Db 19 CATCCCCACCTTCCTCGG 1

RESULT 139
US-08-791-849A-4/c
; Sequence 4, Application US/08791849A
; Patent No. 5914449
; GENERAL INFORMATION:
; APPLICANT: Makoto MURASE et al.
; TITLE OF INVENTION: Method for Increasing Storage
; TITLE OF INVENTION: Lipid Content in Plant Seed
; NUMBER OF SEQUENCES: 15
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Wenderoth, Lind & Ponack
; STREET: 805 Fifteenth Street, N.W., #700
; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20005
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 inch, 1.44 mb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: MS-DOS
; SOFTWARE: Wordperfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/791,849A
; FILING DATE: January 30, 1997
; CLASSIFICATION: 800
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warren M. Cheek, Jr.
; REGISTRATION NUMBER: 33,367
; REFERENCE/DOCKET NUMBER:
; TELECOMMUNICATION INFORMATION:

; COUNTRY: USA
; ZIP: 32606
; TELEFAX:
; TELEPHONE: 202-371-8850
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "Synthetic DNA"
; US-08-791-849A-4

Query Match 4.3%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 1.9e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 782 CAGCCCCCTCGTCCCAAG 800
Db 19 CAGCCCCCTCGTGTCAAG 1

RESULT 140
US-08-846-762-25
; Sequence 25, Application US/08846762A
; Patent No. 5994072
; GENERAL INFORMATION:
; APPLICANT: Lam, Joseph S.
; APPLICANT: Burrows, Lori
; APPLICANT: Charter, Deborah
; APPLICANT: de Kievit, Teresa
; TITLE OF INVENTION: No. 5994072el Proteins Involved in the Synthesis and Assembly
; TITLE OF INVENTION: of O-Antigen in Pseudomonas Aeruginosa
; FILE REFERENCE: 6580-089
; CURRENT APPLICATION NUMBER: US/08/846,762A
; CURRENT FILING DATE: 1997-04-30
; NUMBER OF SEQ ID NOS: 100
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 25
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Pseudomonas aeruginosa
; US-08-846-762-25

Query Match 4.3%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 1.9e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 864 CAGTTGCACACTTTCCTG 882
Db 1 CTGTTGCCACAGTTTCGTG 19

RESULT 141
US-09-597-771-7/c
; Sequence 7, Application US/09597771
; Patent No. 6538182
; GENERAL INFORMATION:
; APPLICANT: Thompson, John E.
; APPLICANT: Wang, Tzann-Wei
; APPLICANT: Lu, Dongen Lilly
; TITLE OF INVENTION: DNA ENCODING A PLANT DEOXYHYPUSE SYNTHASE, TRANSGENIC
; TITLE OF INVENTION: PLANTS AND A METHOD FOR CONTROLLING PROGRAMMED CELL
; TITLE OF INVENTION: DEATH IN PLANTS
; FILE REFERENCE: 10799/9
; CURRENT APPLICATION NUMBER: US/09/597,771
; CURRENT FILING DATE: 2000-06-19
; PRIOR APPLICATION NUMBER: 09/348,675
; PRIOR FILING DATE: 1999-07-06
; NUMBER OF SEQ ID NOS: 35
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 7
; LENGTH: 19
```

```

; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-09-597-771-7

Query Match
Best Local Similarity 4.3%; Score 12.6; DB 1; Length 19;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 914 GATTATCATCACACACC 932
Db 19 GATCTCTCTACACACC 1

RESULT 142
US-08-311-486C-737/c
; Sequence 737, Application US/08311486C
; Patent No. 5811300
; GENERAL INFORMATION:
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth Draper
; APPLICANT: Kevin Kisich
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: TNF-
; NUMBER OF SEQUENCES: 1157
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/311,486C
; FILING DATE: September 23, 1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA: including application
; PRIOR APPLICATION DATA: described below:
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/166
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 737:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-311-486C-737

Query Match
Best Local Similarity 4.3%; Score 12.4; DB 1; Length 15;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 840 TCTCTGAAGACAGC 853
Db 14 TCTCTGAAGACAGC 1

RESULT 144
US-08-311-486C-738/c
; Sequence 738, Application US/08311486C
; Patent No. 5811300
; GENERAL INFORMATION:
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth Draper
; APPLICANT: Kevin Kisich
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: TNF-
; NUMBER OF SEQUENCES: 1157
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/311,486C
; FILING DATE: September 23, 1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA: including application
; PRIOR APPLICATION DATA: described below:
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/166
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 738:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-311-486C-738

Query Match
Best Local Similarity 4.3%; Score 12.4; DB 1; Length 15;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 840 TCTCTGAAGACAGC 853
Db 14 TCTCTGAAGACAGC 1

RESULT 144
```

```

US-08-477-553A-2/c
; Sequence 2, Application US/08477553A
; Patent No. 5919910
; GENERAL INFORMATION:
; APPLICANT: HUGHES-JONES, Nevin C
; TITLE OF INVENTION: MONOCLONAL ANTIBODIES
; NUMBER OF SEQUENCES: 55
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Burns, Doane, Swecker & Mathis
; STREET: P.O. Box 1404
; CITY: Alexandria
; STATE: VA
; COUNTRY: USA
; ZIP: 22313-1404
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/477,553A
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/856,034
; FILING DATE: 23-JUNE-1992
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: GB 8925590.5
; FILING DATE: 13-NOV-1989
; ATTORNEY/AGENT INFORMATION:
; NAME: Meuth, Donna M.
; REGISTRATION NUMBER: 36,607
; REFERENCE/DOCKET NUMBER: 007330-032
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703) 836-6620
; TELEFAX: (703) 836-2021
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-477-553A-2

Query Match 4.3%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 1.3e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 860 GCTCCAGTTGGAAC 873
Db 15 GCTCCAGTTGGAAC 2

RESULT 145
US-09-049-190-19
; Sequence 19, Application US/09049190
; Patent No. 6190866
; GENERAL INFORMATION:
; APPLICANT: Nielsen et al.
; TITLE OF INVENTION: Peptide Nucleic Acids Having
; TITLE OF INVENTION: Antibacterial Activity
; NUMBER OF SEQUENCES: 20
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb

; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/049,190
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: John W. Caldwell
; REGISTRATION NUMBER: 28,937
; REFERENCE/DOCKET NUMBER: ISIS-2560
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 19:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 1
; OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
; OTHER INFORMATION: backbone
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 2
; OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
; OTHER INFORMATION: backbone
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 3
; OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
; OTHER INFORMATION: backbone
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 4
; OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
; OTHER INFORMATION: backbone
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 5
; OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
; OTHER INFORMATION: backbone
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 6
; OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
; OTHER INFORMATION: backbone
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 7
; OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
; OTHER INFORMATION: backbone
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 8
; OTHER INFORMATION: (O-2-aminoethyl-O'-acetyl-ethylene
; glycol)3
; OTHER INFORMATION: glycol)3
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 9
; OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
; OTHER INFORMATION: backbone
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 10
; OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
; OTHER INFORMATION: backbone

```


FEATURE:
NAME/KEY: Modified-site
LOCATION: 11
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 12
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 13
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 14
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 15
OTHER INFORMATION: N-[acetyl(2-aminoethyl)]-C-lysine-glycine
OTHER INFORMATION: backbone
OTHER INFORMATION: backbone
US-09-049-190-19

Query Match 4.3%; Score 12.4; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.3e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 830 TCTCTTTCTCTCT 844
DB 1 TCTCTTTCTCTCT 15

RESULT 146
US-08-932-140C-19
Sequence 19, Application US/08932140C
Patent No. 6300318
GENERAL INFORMATION:
APPLICANT: Nielsen et al.
TITLE OF INVENTION: Peptide Nucleic Acids Having
TITLE OF INVENTION: Antibacterial Activity
NUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz &
ADDRESSEE: No. 6300318ris LLP
STREET: One Liberty place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: U.S.A.
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Microsoft Word
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/932,140C
FILING DATE: September 16, 1997
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: John W. Caldwell
REGISTRATION NUMBER: 28,937
REFERENCE/DOCKET NUMBER: ISIS-2560
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-568-3100
TELEFAX: 215-568-3439
INFORMATION FOR SEQ ID NO: 19:

SEQUENCE CHARACTERISTICS:
LENGTH: 15 bases
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
FEATURE:
NAME/KEY: Modified-site
LOCATION: 1
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 2
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 3
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 4
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 5
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 6
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 7
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 8
OTHER INFORMATION: (O-2-aminoethyl-O'-acetyl-
OTHER INFORMATION: ethylene glycol)₃
FEATURE:
NAME/KEY: Modified-site
LOCATION: 9
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 10
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 11
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 12
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 13
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 14

```

; OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
; OTHER INFORMATION: backbone
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 15
; OTHER INFORMATION: N-[acetyl(2-aminoethyl)]-C-
; OTHER INFORMATION: lysine-glycine backbone
US-08-932-140C-19

```

```

Query Match      4.3%; Score 12.4; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.1e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

```

QY      830 TCCTCTTTCTCTCT 844
DB      1 TCCTCTTTCTCTCT 15

```

```

RESULT 147
US-08-088-661F-36/c
; Sequence 36, Application US/08088661F
; Patent No. 6228982
; GENERAL INFORMATION:
; APPLICANT: No. 6228982den, Bengel
; APPLICANT: Wittung, Penilla
; APPLICANT: Buchardt, Ole
; APPLICANT: Egholm, Michael
; APPLICANT: Nielsen, Peter E.
; APPLICANT: Berg, Rolf
; TITLE OF INVENTION: Double-Stranded Peptide Nucleic Acids
; FILE REFERENCE: ISIS1108
; CURRENT APPLICATION NUMBER: US/08/088,661F
; PRIOR FILING DATE: 1993-07-02
; PRIOR APPLICATION NUMBER: 08/054,363
; PRIOR FILING DATE: 1993-04-26
; PRIOR APPLICATION NUMBER: PC/EP92/01219
; PRIOR FILING DATE: 1992-05-19
; NUMBER OF SEQ ID NOS: 42
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 36
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: No. 6228982el Sequence
US-08-088-661F-36

```

```

Query Match      4.3%; Score 12.4; DB 1; Length 16;
Best Local Similarity 92.9%; Pred. No. 1.5e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

QY      829 GTCCTCTTTCTCTCT 842
DB      16 GTCACCTTTCTCTCT 3

```

```

RESULT 148
US-08-108-591B-33/c
; Sequence 33, Application US/08108591B
; Patent No. 6395474
; GENERAL INFORMATION:
; APPLICANT: Buchardt, Ole
; APPLICANT: Egholm, Michael
; APPLICANT: Nielsen, Peter Eigil
; APPLICANT: Berg, Rolf Henrik
; TITLE OF INVENTION: Peptide Nucleic Acids
; FILE REFERENCE: ISIS0540
; CURRENT APPLICATION NUMBER: US/08/108,591B
; CURRENT FILING DATE: 2001-08-13
; NUMBER OF SEQ ID NOS: 43
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 33
; LENGTH: 16

```

```

; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: No. 6395474el Sequence
US-08-108-591B-33

```

```

Query Match      4.3%; Score 12.4; DB 1; Length 16;
Best Local Similarity 92.9%; Pred. No. 1.5e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

QY      829 GTCCTCTTTCTCTCT 842
DB      16 GTCACCTTTCTCTCT 3

```

```

RESULT 149
US-08-246-978A-3
; Sequence 3, Application US/08246978A
; Patent No. 5589363
; GENERAL INFORMATION:
; APPLICANT: Roy, Soumitra
; APPLICANT: Vohar, Gordon A.
; TITLE OF INVENTION: TISSUE FACTOR MUTANTS USEFUL FOR THE TREATMENT OF MYCARDIAL INF
; NUMBER OF SEQUENCES: 3
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Genentech, Inc.
; STREET: 460 Point San Bruno Blvd
; CITY: South San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94080
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WinPatIn (Genentech)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/246,978A
; FILING DATE: 20-May-1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/714819
; FILING DATE: 13-JUN-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Daryl, Winter B
; REGISTRATION NUMBER: 32,637
; REFERENCE/DOCKET NUMBER: 719D1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415/225-1249
; TELEFAX: 415/952-9881
; TELEX: 910/371-7168
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 nucleotides
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
US-08-246-978A-3

```

```

Query Match      4.3%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 1.7e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

QY      871 AACACTTCTCTGAG 884
DB      2 AACACTTCTCTAG 15

```

```

RESULT 150
US-08-440-814A-3
; Sequence 3, Application US/08440814A
; Patent No. 5739101
; GENERAL INFORMATION:

```

APPLICANT: Roy, Soumitra
APPLICANT: Vohar, Gordon A.
TITLE OF INVENTION: TISSUE FACTOR MUTANTS USEFUL FOR THE
TITILE OF INVENTION: TREATMENT OF MYCARDIAL INFARCTION AND COAGULOPATHIC DISORDERS
NUMBER OF SEQUENCES: 3
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Genentech, Inc.
STREET: 460 Point San Bruno Blvd
CITY: South San Francisco
STATE: California
COUNTRY: USA
ZIP: 94080
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WinPatIn (Genentech)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/440,814A
FILING DATE: 13-JUN-1991
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/246978
FILING DATE: 20-May-1994
APPLICATION NUMBER: 07/714819
FILING DATE: 13-JUN-1991
ATTORNEY/AGENT INFORMATION:
NAME: Daryl, Winter B
REGISTRATION/DOCKET NUMBER: 32,637
REFERENCE/DOCKET NUMBER: 719D1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415/225-1249
TELEFAX: 415/952-9881
TELEX: 910/371-7168
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 nucleotides
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
US-08-440-814A-3
Query Match 4.3%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 1.7e-02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 871 AACACTTCTCAG 884
DB 2 AACACTTCTCAG 15
RESULT 151
US-08-292-620A-1683/c
Sequence 1683, Application US/08292620A
Patent No. 5837542
GENERAL INFORMATION:
APPLICANT: Susan Grimm
APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwiggen
APPLICANT: Sean Sullivan
APPLICANT: Kenneth G. Draper
TITLE OF INVENTION: RIBOZYME TREATMENT OF
TITLE OF INVENTION: DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: INTRACELLULAR ADHESION
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
NUMBER OF SEQUENCES: 2390
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California

APPLICANT: Roy, Soumitra
APPLICANT: Vohar, Gordon A.
TITLE OF INVENTION: TISSUE FACTOR MUTANTS USEFUL FOR THE
TITILE OF INVENTION: TREATMENT OF MYCARDIAL INFARCTION AND COAGULOPATHIC DISORDERS
NUMBER OF SEQUENCES: 3
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Genentech, Inc.
STREET: 460 Point San Bruno Blvd
CITY: South San Francisco
STATE: California
COUNTRY: USA
ZIP: 94080
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WinPatIn (Genentech)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/440,814A
FILING DATE: 13-JUN-1991
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/246978
FILING DATE: 20-May-1994
APPLICATION NUMBER: 07/714819
FILING DATE: 13-JUN-1991
ATTORNEY/AGENT INFORMATION:
NAME: Daryl, Winter B
REGISTRATION/DOCKET NUMBER: 32,637
REFERENCE/DOCKET NUMBER: 719D1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415/225-1249
TELEFAX: 415/952-9881
TELEX: 910/371-7168
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 nucleotides
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
US-08-440-814A-3
Query Match 4.3%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 1.7e-02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 871 AACACTTCTCAG 884
DB 2 AACACTTCTCAG 15
RESULT 151
US-08-292-620A-1683/c
Sequence 1683, Application US/08292620A
Patent No. 5837542
GENERAL INFORMATION:
APPLICANT: Susan Grimm
APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwiggen
APPLICANT: Sean Sullivan
APPLICANT: Kenneth G. Draper
TITLE OF INVENTION: RIBOZYME TREATMENT OF
TITLE OF INVENTION: DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: INTRACELLULAR ADHESION
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
NUMBER OF SEQUENCES: 2390
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California

COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: Storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/292,620A
FILING DATE: August 17, 1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION/DOCKET NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1683:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-292-620A-1683
Query Match 4.3%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 1.7e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 866 GTTGAACACTTTC 879
DB 14 GTTGAACACTTTC 1
RESULT 152
US-08-292-620A-1773/c
Sequence 1773, Application US/08292620A
Patent No. 5837542
GENERAL INFORMATION:
APPLICANT: Susan Grimm
APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwiggen
APPLICANT: Sean Sullivan
APPLICANT: Kenneth G. Draper
TITLE OF INVENTION: RIBOZYME TREATMENT OF
TITLE OF INVENTION: DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: INTRACELLULAR ADHESION
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
NUMBER OF SEQUENCES: 2390
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: Storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0

```
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/292,620A
; FILING DATE: August 17, 1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA: including application
; PRIOR APPLICATION DATA: described below:
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/149
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1773:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-292-620A-1773

Query Match 4.3%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 1.7e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 866 GTTGGAACTTTC 879
Db 14 GTTGGAACTTTC 1

RESULT 153
US-08-292-620A-1855/c
; Sequence 1855, Application US/08292620A
; Patent No. 5837542
; GENERAL INFORMATION:
; APPLICANT: Susan Grimm
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwigen
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: INTRACELLULAR ADHESION
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
; NUMBER OF SEQUENCES: 2390
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/292,620A
; FILING DATE: August 17, 1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA: including application
```

```
; PRIOR APPLICATION DATA: described below:
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/149
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1855:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-292-620A-1855

Query Match 4.3%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 1.7e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 866 GTTGGAACTTTC 879
Db 14 GTTGGAACTTTC 1

RESULT 154
US-08-740-215B-2
; Sequence 2, Application US/08740215B
; Patent No. 5874566
; GENERAL INFORMATION:
; APPLICANT: Veerapanane, Dange
; APPLICANT: Hamaoka, Shoji
; APPLICANT: No. 5874566awa, Iwao
; TITLE OF INVENTION: OLIGOMERS WHICH INHIBIT
; TITLE OF INVENTION: EXPRESSION OF INTERLEUKIN GENES
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hovey, Williams, Timmons & Collins
; STREET: 2405 Grand Boulevard, Suite 400
; CITY: Kansas City
; STATE: Missouri
; COUNTRY: U.S.A.
; ZIP: 64108
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; APPLICATION DATA:
; APPLICATION NUMBER: US/08/740,215B
; FILING DATE:
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Collins, John M.
; REGISTRATION NUMBER: 26262
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (816) 474-9050
; TELEFAX: (816) 474-9057
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; US-08-740-215B-2

Query Match 4.3%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 1.7e+02;
```

```
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 831 CTCCTTTCTCTCT 844
Db 1 CTTTCTCTCTCT 14

RESULT 155
US-08-740-215B-6/c
; Sequence 6, Application US/08740215B
; Patent No. 5874566
; GENERAL INFORMATION:
; APPLICANT: Veerapanane, Dange
; APPLICANT: Hamaoka, Shoji
; APPLICANT: No. 5874566awa, Iwao
; TITLE OF INVENTION: OLIGOMERS WHICH INHIBIT
; TITLE OF INVENTION: EXPRESSION OF INTERLEUKIN GENES
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESSES:
; ADDRESSES: Hovey, Williams, Timmons & Collins
; STREET: 2405 Grand Boulevard, Suite 400
; CITY: Kansas City
; STATE: Missouri
; COUNTRY: U.S.A.
; ZIP: 64108
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/740,215B
; FILING DATE:
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Collins, John M.
; REGISTRATION NUMBER: 26262
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (816) 474-9050
; TELEFAX: (816) 474-9057
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-740-215B-6

Query Match 4.3%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 1.7e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 831 CTCCTTTCTCTCT 844
Db 1 CTTTCTCTCTCT 14

RESULT 156
US-08-740-215B-6/c
; Sequence 6, Application US/08740215B
; Patent No. 5874566
; GENERAL INFORMATION:
; APPLICANT: Veerapanane, Dange
; APPLICANT: Hamaoka, Shoji
; APPLICANT: No. 5874566awa, Iwao
; TITLE OF INVENTION: OLIGOMERS WHICH INHIBIT
; TITLE OF INVENTION: EXPRESSION OF INTERLEUKIN GENES
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESSES:
; ADDRESSES: Hovey, Williams, Timmons & Collins
; STREET: 2405 Grand Boulevard, Suite 400
; CITY: Kansas City
; STATE: Missouri
; COUNTRY: U.S.A.
; ZIP: 64108
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/740,215B
; FILING DATE:
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Collins, John M.
; REGISTRATION NUMBER: 26262
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (816) 474-9050
; TELEFAX: (816) 474-9057
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-740-215B-6

Query Match 4.3%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 1.7e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 831 CTCCTTTCTCTCT 844
Db 1 CTTTCTCTCTCT 14

RESULT 157
US-09-071-845-1773/c
; Sequence 1773, Application US/09071845
; Patent No. 6132967
; GENERAL INFORMATION:
; APPLICANT: Susan Grimm
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: INTRACELLULAR ADHESION
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
; NUMBER OF SEQUENCES: 2390
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
```

```
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/071,845
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/292,620
; FILING DATE: August 17, 1994
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/149
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1683:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-071-845-1683

Query Match 4.3%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 1.7e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 866 GTTGACACATTTTC 879
Db 14 GTTGACACATTTTC 1

RESULT 157
US-09-071-845-1773/c
; Sequence 1773, Application US/09071845
; Patent No. 6132967
; GENERAL INFORMATION:
; APPLICANT: Susan Grimm
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: INTRACELLULAR ADHESION
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
; NUMBER OF SEQUENCES: 2390
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
```

```

; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/071,845
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/292,620
; FILING DATE: August 17, 1994
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/149
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1773:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-071-845-1773

Query Match 4.3%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 1.7e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 866 GTTGAACACTTTC 879
DB 14 GTTGAACACTTTC 1

RESULT 158
US-09-071-845-1855/c
; Sequence 1855, Application US/09071845
; Patent No. 6132967
; GENERAL INFORMATION:
; APPLICANT: Susan Grimm
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: INTRACELLULAR ADHESION
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
; NUMBER OF SEQUENCES: 2390
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1

```

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; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/071,845
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/292,620
; FILING DATE: August 17, 1994
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/149
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1855:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-071-845-1855

Query Match 4.3%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 1.7e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 866 GTTGAACACTTTC 879
DB 14 GTTGAACACTTTC 1

RESULT 159
US-09-156-807-45
; Sequence 45, Application US/09156807
; Patent No. 6030786
; GENERAL INFORMATION:
; APPLICANT: Cowsett, Lex M.
; TITLE OF INVENTION: ANTISENSE MODULATION OF RHOc EXPRESSION
; FILE REFERENCE: RTS-0014
; CURRENT APPLICATION NUMBER: US/09/156,807
; CURRENT FILING DATE: 1998-09-18
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 45
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
; US-09-156-807-45

Query Match 4.3%; Score 12.4; DB 1; Length 18;
Best Local Similarity 92.9%; Pred. No. 1.9e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 872 ACACCTTCTGTGAGA 885
DB 3 ACACCTTCTGTGAGA 16

RESULT 160
US-09-474-922A-84/c
; Sequence 84, Application US/09474922A
; Patent No. 6187586
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowsett
; APPLICANT: Richard A. Roth
; TITLE OF INVENTION: ANTISENSE MODULATION OF Akt-3 EXPRESSION

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; FILE REFERENCE: RTS-0036
; CURRENT APPLICATION NUMBER: US/09/474,922A
; CURRENT FILING DATE: 1999-12-29
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 84
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-474-922A-84

Query Match 4.3%; Score 12.4; DB 1; Length 18;
Best Local Similarity 92.9%; Pred. No. 1.9e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 835 TTCTCTCTGAG 848
Db 16 TTCTCTCTGGAG 3

RESULT 161
US-09-387-341-147
; Sequence 147, Application US/09387341
; Patent No. 6410323
; GENERAL INFORMATION:
; APPLICANT: Roberts, M, Luisa
; APPLICANT: Cowsett, Lex M.
; TITLE OF INVENTION: Antisense Modulation of Human Rho Family Gene
; FILE REFERENCE: ISPH-0404
; CURRENT APPLICATION NUMBER: US/09/387,341
; CURRENT FILING DATE: 1999-08-31
; EARLIER APPLICATION NUMBER: 09/156,424
; EARLIER FILING DATE: 1998-09-18
; EARLIER APPLICATION NUMBER: 09/156,979
; EARLIER FILING DATE: 1998-09-18
; EARLIER APPLICATION NUMBER: 09/156,807
; EARLIER FILING DATE: 1998-09-18
; EARLIER APPLICATION NUMBER: 09/161,015
; EARLIER FILING DATE: 1998-09-25
; NUMBER OF SEQ ID NOS: 233
; SOFTWARE: Patent In Ver. 2.0
; SEQ ID NO 147
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-387-341-147

Query Match 4.3%; Score 12.4; DB 1; Length 18;
Best Local Similarity 92.9%; Pred. No. 1.9e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 872 ACATTTCTGTGAGA 885
Db 3 ACATTTCTGTGAGA 16

RESULT 162
US-08-117-952-247
; Sequence 247, Application US/08117952
; Patent No. 5851760
; GENERAL INFORMATION:
; APPLICANT: Evans, Glen A.
; APPLICANT: Smith, Michael W.
; TITLE OF INVENTION: METHOD FOR GENERATION OF SEQUENCE
; TITLE OF INVENTION: SAMPLED MAPS OF COMPLEX GENOMES
; NUMBER OF SEQUENCES: 797
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pretty, Schroeder, Brueggemann & Clark
; STREET: 444 South Flower Street, Suite 2000

; FILE REFERENCE: RTS-0036
; CURRENT APPLICATION NUMBER: US/09/474,922A
; CURRENT FILING DATE: 1999-12-29
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 84
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-474-922A-84

CITY: Los Angeles
STATE: CA
COUNTRY: USA
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA: US/08/117,952
APPLICATION NUMBER: US/08/117,952
FILING DATE: 07-SEP-1993
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/078,471
FILING DATE: 15-JUN-1993
ATTORNEY/AGENT INFORMATION:
NAME: Reiter, Stephen E.
REGISTRATION NUMBER: 31,192
REFERENCE/DOCKET NUMBER: P41 9423
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-546-4737
TELEFAX: 619-546-9392
INFORMATION FOR SEQ ID NO: 247:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Oligonucleotide
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-08-117-952-247

Query Match 4.3%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 2.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 923 CACCACCACCTCC 936
Db 2 CACCACCACCTCC 15

RESULT 163
US-08-857-636-55/c
; Sequence 55, Application US/08857636
; Patent No. 6552181
; GENERAL INFORMATION:
; APPLICANT: Dean, Michael Carlton
; APPLICANT: Kahn, Heidi Eve
; APPLICANT: Wicking, Carol
; APPLICANT: Christiansen, Jeffrey
; APPLICANT: Zaphiropoulos, Peter G.
; APPLICANT: Gailani, Mae R.
; APPLICANT: Shanley, Susan Mary
; APPLICANT: Chidambaram, Abirami
; APPLICANT: Vorechovsky, Igor
; APPLICANT: Holmberg-Lundstrom, Erika
; APPLICANT: Unden, Anne Birgitte
; APPLICANT: Gillies, Susan Alana
; APPLICANT: Negus, Kylie
; APPLICANT: Smyth, Ian Mcleod
; APPLICANT: Pressman, Carol Leah
; APPLICANT: Leffell, David J.
; APPLICANT: Gerrard, Bernard
; APPLICANT: Goldstein, Alisa Miriam
; APPLICANT: Mainwright, Brandon
; APPLICANT: Toftgard, Rune Carl-Magnus
; APPLICANT: Chenevix-Trench, Georgia
; APPLICANT: Bale, Allen E.
; TITLE OF INVENTION: A Basal Cell Carcinoma Tumor Suppressor Gene
; NUMBER OF SEQUENCES: 83
; CORRESPONDENCE ADDRESS:
```

ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: California
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/857,636
FILING DATE: 16-MAY-1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/017,906
FILING DATE: 17-MAY-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: AU P00011
FILING DATE: 21-MAY-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: AU P00363
FILING DATE: 07-JUN-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/019,765
FILING DATE: 14-JUN-1996
ATTORNEY/AGENT INFORMATION:
NAME: Hunter, Tom
REGISTRATION NUMBER: 38,498
REFERENCE/DOCKET NUMBER: 015280-278200US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 55:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
FEATURE:
NAME/KEY: -
LOCATION: 1..19
OTHER INFORMATION: /note= "PTCR26 primer"
US-08-857-636-55

Query Match 4.3%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 2.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 808 CTCCAACTCAGGCT 821
Db 16 CTCCAACTGAGGCT 3

RESULT 164
US-08-373-124A-1571
Sequence 1571, Application US/08373124A
Patent No. 5646042
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwiggen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0

CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/373,124A
FILING DATE: January 13, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1571:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-373-124A-1571

Query Match 4.2%; Score 12.2; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 1.9e+02;
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 797 CAAGAGCTCTCTCCAA 813
Db 1 CGAAGCCUCCUCCGAA 17

RESULT 165
US-08-758-306-119
Sequence 119, Application US/08758306
Patent No. 5807743
GENERAL INFORMATION:

APPLICANT: Stinchcomb, Dan T.
APPLICANT: McSwiggen, James A.
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES
TITLE OF INVENTION: ASSOCIATED WITH
TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR
TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION
NUMBER OF SEQUENCES: 1379
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0

10

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; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 5486:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-584-040-5486

Query Match 4.2%; Score 12.2; DB 1; Length 17;
Best Local Similarity 58.8%; Pred. No. 1.9e+02;
Matches 10; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

QY 869 GGAACACTTCTCGAGA 885
Db 1 GAAACCCUUCUGGGA 17

RESULT 173

US-09-480-017-8
; Sequence 8, Application US/09480017
; Patent No. 6388067
; GENERAL INFORMATION:
; APPLICANT: Yu, Su-May
; APPLICANT: Tong, Wu-Fu
; TITLE OF INVENTION: RICE CYSTEINE PROTEINASE GENE PROMOTER
; FILE REFERENCE: 08919-038001
; CURRENT APPLICATION NUMBER: US/09/480,017
; CURRENT FILING DATE: 2000-01-10
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 8
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthesized primer
US-09-480-017-8

Query Match 4.2%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.9e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 921 ATCACCACCACTCTCCA 937
Db 1 ATCGCCCTCACCCTCCA 17

RESULT 174

US-09-474-432B-819
; Sequence 819, Application US/09474432B
; Patent No. 6528640
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Burgin, Alex
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka
; APPLICANT: Sweedler, David

; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleotides
; FILE REFERENCE: MBH00-831-B (247/276)
; CURRENT APPLICATION NUMBER: US/09/474,432B
; CURRENT FILING DATE: 1999-12-19
; PRIOR APPLICATION NUMBER: US 60/064,866
; PRIOR FILING DATE: 1997-11-05
; PRIOR APPLICATION NUMBER: US 60/084,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: US 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: US 09/301,511
; PRIOR FILING DATE: 1999-04-28
; NUMBER OF SEQ ID NOS: 1526
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 819
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
; US-09-474-432B-819

Query Match 4.2%; Score 12.2; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 1.9e+02;
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 757 GTCCTAGGCTCCACT 773
Db 1 GCCCCAGGCUCCACU 17

RESULT 175

US-09-684-938-149/c
; Sequence 149, Application US/09684938
; Patent No. 6555357
; GENERAL INFORMATION:
; APPLICANT: Kaiser, Michael W.
; APPLICANT: Lyamichev, Victor I.
; APPLICANT: Lyamichev, Natasha
; TITLE OF INVENTION: Improved Cleavage Agents
; FILE REFERENCE: FORS-03755
; CURRENT APPLICATION NUMBER: US/09/684,938
; CURRENT FILING DATE: 2000-10-06
; PRIOR APPLICATION NUMBER: 09/308,825
; PRIOR FILING DATE: 1999-05-25
; PRIOR APPLICATION NUMBER: 08/757,653
; PRIOR FILING DATE: 1996-11-29
; PRIOR APPLICATION NUMBER: 08/758,314
; PRIOR FILING DATE: 1996-12-02
; PRIOR APPLICATION NUMBER: PCT/US97/21783
; PRIOR FILING DATE: 1997-11-29
; NUMBER OF SEQ ID NOS: 188
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 149
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-684-938-149

Query Match 4.2%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.9e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 892 TACTTCTCAGCTTCTGC 908
Db 17 TACTTAGCAGCTTCTTC 1

RESULT 176

US-09-308-825A-149/c
; Sequence 149, Application US/09308825A
; Patent No. 6562611

```
; GENERAL INFORMATION:
; APPLICANT: Kaiser, Michael W.
; APPLICANT: Lyanichev, Victor I.
; APPLICANT: Lyanichev, Natasha
; TITLE OF INVENTION: Improved Cleavage Agents
; FILE REFERENCE: FORS-03755
; CURRENT APPLICATION NUMBER: US/09/308,825A
; PRIOR FILING DATE: 1993-10-08
; PRIOR APPLICATION NUMBER: 08/757,653
; PRIOR FILING DATE: 1996-11-29
; PRIOR APPLICATION NUMBER: 08/758,314
; PRIOR FILING DATE: 1996-12-02
; PRIOR APPLICATION NUMBER: PCT/US97/21783
; PRIOR FILING DATE: 1997-11-29
; NUMBER OF SEQ ID NOS: 188
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 149
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-308-825A-149

Query Match          4.2%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.9e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      892 TACTTCTCAGCTTCTGC 908
Db      17 TACTTAGCAGCTTCTTC 1

RESULT 177
US-09-371-772B-618/c
; Sequence 618, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBH00.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 618
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-618

Query Match          4.2%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.9e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      865 AGTTGGAACACTTTCCT 881
Db      17 AGCTGAATACTTTCCT 1

RESULT 178
US-09-371-772B-2377
; Sequence 2377, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBH00.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 618
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-618

Query Match          4.2%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.9e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      865 AGTTGGAACACTTTCCT 881
Db      17 AGCTGAATACTTTCCT 1

RESULT 179
US-09-371-772B-5467
; Sequence 5467, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBH00.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5467
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-5467

Query Match          4.2%; Score 12.2; DB 1; Length 17;
Best Local Similarity 58.8%; Pred. No. 1.9e+02;
Matches 10; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

Qy      807 CCTCCAACTCAGGGTTG 823
Db      1 CUUCAACUCAGGUUUG 17

RESULT 180
US-09-371-772B-5477/c
; Sequence 5477, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBH00.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5467
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-5467

Query Match          4.2%; Score 12.2; DB 1; Length 17;
Best Local Similarity 58.8%; Pred. No. 1.9e+02;
Matches 10; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

Qy      807 CCTCCAACTCAGGGTTG 823
Db      1 CUUCAACUCAGGUUUG 17
```

```
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBH00.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2377
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-2377

Query Match          4.2%; Score 12.2; DB 1; Length 17;
Best Local Similarity 58.8%; Pred. No. 1.9e+02;
Matches 10; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

Qy      869 GGAACACTTCTCTGAGA 885
Db      1 GAAACCCUUCUGGGA 17

RESULT 179
US-09-371-772B-5467
; Sequence 5467, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBH00.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5467
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-5467

Query Match          4.2%; Score 12.2; DB 1; Length 17;
Best Local Similarity 58.8%; Pred. No. 1.9e+02;
Matches 10; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

Qy      869 GGAACACTTCTCTGAGA 885
Db      1 GAAACCCUUCUGGGA 17
```

```

; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MEH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5477
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-5477

```

```

Query Match 4.2%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.9e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

```

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Qy 861 CTCAGTTCGAGCACTT 877
Db 17 CTCAGATGGACCACTT 1

```

RESULT 181

```

US-09-371-772B-6672
; Sequence 6672, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MEH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6672
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-6672

```

```

Query Match 4.2%; Score 12.2; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 1.9e+02;
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

```

```

Qy 873 CACTTTCCTGAGATGCA 889
Db 1 CACUACUGAGAGCA 17

```

RESULT 182

```

US-09-476-387-818
; Sequence 818, Application US/09476387
; Patent No. 6617436
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.

```

```

; APPLICANT: Beigelman, Leo
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka Matulic
; APPLICANT: Sweedler, Dave
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleoti
; FILE REFERENCE: MEH00-831-C (249/073)
; CURRENT APPLICATION NUMBER: US/09/476,387
; CURRENT FILING DATE: 2001-04-04
; PRIOR APPLICATION NUMBER: 09/474,432
; PRIOR FILING DATE: 1999-12-29
; PRIOR APPLICATION NUMBER: 09/301,511
; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: 60/083,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/064,866
; PRIOR FILING DATE: 1997-11-05
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 818
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-476-387-818

```

```

Query Match 4.2%; Score 12.2; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 1.9e+02;
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

```

```

Qy 757 GTCCTAGGCTCCACT 773
Db 1 GCCCCAGGUCUCCACU 17

```

RESULT 183

```

US-09-686-597-23/C
; Sequence 23, Application US/09686597
; Patent No. 6632641
; GENERAL INFORMATION:
; APPLICANT: Thomas M. BRENNAN
; APPLICANT: Francois CHATELAIN
; APPLICANT: Mark BERNINGER
; TITLE OF INVENTION: METHOD AND APPARATUS FOR PERFORMING
; TITLE OF INVENTION: LARGE NUMBERS OF REACTIONS USING ARRAY ASSEMBLY
; FILE REFERENCE: 5871010CPUS02
; CURRENT APPLICATION NUMBER: US/09/686,597
; CURRENT FILING DATE: 2000-10-10
; PRIOR APPLICATION NUMBER: 60/158,315
; PRIOR FILING DATE: 1999-10-08
; NUMBER OF SEQ ID NOS: 32
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 23
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-686-597-23

```

```

Query Match 4.2%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.9e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

```

```

Qy 817 AGGGTTGGCTGTGTCTC 833
Db 17 AGGGTGGGTGTGTCTC 1

```

RESULT 184

```

US-09-827-998-426
; Sequence 426, Application US/09827998
; Patent No. 6656700

```

```

; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDHMOF-8
; CURRENT APPLICATION NUMBER: US/09/827,998
; PRIOR FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6656700
; SEQ ID NO 426
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-827-998-426

Query Match          4.2%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.9e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      825 CTGTGTCCTTTCTTCTTC 841
        ||||| ||||| ||||| |||||
Db       1 CTGTGGGCTCTCTCTTC 17

RESULT 185
US-09-827-998-427
; Sequence 427, Application US/09827998
; Patent No. 6656700
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDHMOF-8
; CURRENT APPLICATION NUMBER: US/09/827,998
; PRIOR FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6656700
; SEQ ID NO 427
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-827-998-427

Query Match          4.2%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.9e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      826 TGTGTCCTTTCTTCTTC 842
        ||||| ||||| ||||| |||||
Db       1 TGTGGGCTCTCTCTTC 17

RESULT 186
US-09-866-108A-226
; Sequence 226, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: ACOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 226
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-226

Query Match          4.2%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.9e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      795 GCCAAGAGCTCTCTCC 811
        ||||| ||||| ||||| |||||
Db       1 GACAAGAGCCCTCCACC 17

RESULT 187
US-09-866-108A-229
; Sequence 229, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: ACOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 229
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-229
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; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 229
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-229

Query Match          4.2%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.9e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 798 AAGAGCTCTCTCTCAAC 814
      |||||
Db 1 AAGAGCCTCCACATC 17

RESULT 188
US-09-866-108A-661/c
; Sequence 661, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: ACOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 661
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-661

Query Match          4.2%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.9e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 798 AAGAGCTCTCTCTCAAC 814
      |||||
Db 1 AAGAGCCTCCACATC 17

RESULT 188
US-09-866-108A-661/c
; Sequence 661, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: ACOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 661
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-661

Query Match          4.2%; Score 12.2; DB 1; Length 17;
```

```
Best Local Similarity 82.4%; Pred. No. 1.9e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 815 TCAGGCTTGCTGTGTC 831
      |||||
Db 17 TCTGGCTTGCTGAGTC 1

RESULT 189
US-09-866-108A-662/c
; Sequence 662, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: ACOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 662
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-662

Query Match          4.2%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.9e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 814 CTCAGGCTTGCTGTGTC 830
      |||||
Db 17 CTCGGCTTGCTGAGTC 1

RESULT 190
US-09-866-108A-1613
; Sequence 1613, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
```



```
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
SOFTWARE: Aecomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 1613
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-1613

Query Match 4.2%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.9e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 946 TACGGAAGAGCAAC 962
Db 1 TACGGAAGAGCAAC 17

RESULT 191
US-09-866-108A-6048/c
Sequence 6048, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
SOFTWARE: Aecomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 6049
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-6049
```

```
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
SOFTWARE: Aecomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 6048
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-6048

Query Match 4.2%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.9e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 832 TCCTTCTCTCTGAAG 848
Db 17 TCCTTCTCTCTGAAG 1

RESULT 192
US-09-866-108A-6049/c
Sequence 6049, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
SOFTWARE: Aecomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 6049
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-6049
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Query Match          4.2%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.9e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      831 CTCTTTCTCTCTGAA 847
Db      17 CTCTTTCTCTCGAA 1

RESULT 193
US-09-866-108A-6101
; Sequence 6101, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aemica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 6101
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-6101

Query Match          4.2%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.9e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      779 GGCAGCCCTCTGGTG 795
Db      1 GACGAGCCCTCCAGTG 17

RESULT 194
US-09-866-108A-7390/c
; Sequence 7390, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aemica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 6101
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-7390/c

Query Match          4.2%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.9e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      864 CAGTTGGACACATTTC 880
Db      17 CAGTGGATCCCTTTC 1

RESULT 195
US-09-866-108A-7391/c
; Sequence 7391, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aemica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7390
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-7390

Query Match          4.2%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.9e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006659
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006655
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006658
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7391
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-7391

Query Match      4.2%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.9e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      863 CCAGTTGGACACTTTC 879
DB      17 CCAGTGGGATCCCTTT 1

RESULT 196
US-09-866-108A-7392/c
; Sequence 7392, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/006666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7392
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-7392

Query Match      4.2%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.9e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      863 CCAGTTGGACACTTTC 879
DB      17 CCAGTGGGATCCCTTT 1

RESULT 197
US-09-866-108A-7393/c
; Sequence 7393, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/006666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7393
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-7393

Query Match      4.2%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.9e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      861 CTCAGTTGGACACTT 877
DB      17 CTCAGTGGGATCCCTT 1

RESULT 198
US-09-866-108A-7654/c
; Sequence 7654, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; US-09-866-108A-7654
```

```

Query Match      4.2%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.9e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      862 TCAGTTGGACACTTT 878
DB      17 TCAGTGGGATCCCTTT 1

RESULT 199
US-09-866-108A-7393/c
; Sequence 7393, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/006666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7393
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-7393

Query Match      4.2%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.9e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      861 CTCAGTTGGACACTT 877
DB      17 CTCAGTGGGATCCCTT 1

RESULT 198
US-09-866-108A-7654/c
; Sequence 7654, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; US-09-866-108A-7654
```

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; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7664
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-7664

Query Match 4.2%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.9e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 806 TCTCCAACTCAGGGTT 822
Db 17 TTCTCCAGCTCATGGTT 1

RESULT 199
US-09-866-108A-7665/c
; Sequence 7665, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7664
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-7664

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; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7665
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-7665

Query Match 4.2%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.9e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 805 CTCCTCAACTCAGGGT 821
Db 17 CTCTCCAGCTCATGGT 1

RESULT 200
US-09-866-108A-7666/c
; Sequence 7666, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7666
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-7666

```

```

1  APPLICANT: PENN, Sharron G.
2  APPLICANT: HANZEL, David K.
3  APPLICANT: RANK, David R.
4  APPLICANT: CHEN, Wensheng
5  APPLICANT: SHANNON, Mark
6  TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
7  FILE REFERENCE: AEOMICA-7
8  CURRENT APPLICATION NUMBER: US/09/866,108A
9  CURRENT FILING DATE: 2001-05-25
10 PRIOR APPLICATION NUMBER: US 60/207,456
11 PRIOR FILING DATE: 2000-05-26
12 PRIOR APPLICATION NUMBER: GB 24263.6
13 PRIOR FILING DATE: 2000-10-04
14 PRIOR APPLICATION NUMBER: US 60/236,359
15 PRIOR FILING DATE: 2000-09-27
16 PRIOR APPLICATION NUMBER: PCT/US01/00666
17 PRIOR FILING DATE: 2001-01-30
18 PRIOR APPLICATION NUMBER: PCT/US01/00667
19 PRIOR FILING DATE: 2001-01-30
20 PRIOR APPLICATION NUMBER: PCT/US01/00664
21 PRIOR FILING DATE: 2001-01-30
22 PRIOR APPLICATION NUMBER: PCT/US01/00669
23 PRIOR FILING DATE: 2001-01-30
24 PRIOR APPLICATION NUMBER: PCT/US01/00665
25 PRIOR FILING DATE: 2001-01-30
26 PRIOR APPLICATION NUMBER: PCT/US01/00668
27 PRIOR FILING DATE: 2001-01-30
28 PRIOR APPLICATION NUMBER: PCT/US01/00663
29 PRIOR FILING DATE: 2001-01-30
30 Remaining Prior Application data removed - See File Wrapper or PALM.
31 NUMBER OF SEQ ID NOS: 15755
32 SOFTWARE: Aescamia Sequence Listing Engine
33 Patent No. 6686188
34 SEQ ID NO 8908
35 LENGTH: 17
36 TYPE: DNA
37 ORGANISM: Homo sapiens
38 US-09-866-108A-8908
39
40 Query Match 4.2%; Score 12.2; DB 1; Length 17;
41 Best Local Similarity 82.4%; Pred. No. 1.9e+02;
42 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
43
44 QY 708 CGAGTCCCGAGAGAGTG 724
45 |||||
46 DB 1 CGAGTCCCGAGAGCGGG 17
47
48 RESULT 203
49 US-09-866-108A-8909
50 Sequence 8909, Application US/09866108A
51 Patent No. 6686188
52 GENERAL INFORMATION:
53 APPLICANT: GU, Yizhong
54 APPLICANT: JI, Yonggang
55 APPLICANT: PENN, Sharron G.
56 APPLICANT: HANZEL, David K.
57 APPLICANT: RANK, David R.
58 APPLICANT: CHEN, Wensheng
59 APPLICANT: SHANNON, Mark
60 TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
61 FILE REFERENCE: AEOMICA-7
62 CURRENT APPLICATION NUMBER: US/09/866,108A
63 CURRENT FILING DATE: 2001-05-25
64 PRIOR APPLICATION NUMBER: US 60/207,456
65 PRIOR FILING DATE: 2000-05-26
66 PRIOR APPLICATION NUMBER: GB 24263.6
67 PRIOR FILING DATE: 2000-10-04
68 PRIOR APPLICATION NUMBER: US 60/236,359
69 PRIOR FILING DATE: 2000-09-27
70 PRIOR APPLICATION NUMBER: PCT/US01/00666
71 PRIOR FILING DATE: 2001-01-30
72 PRIOR APPLICATION NUMBER: PCT/US01/00667

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; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00664
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00669
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00665
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00668
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00663
 ; PRIOR FILING DATE: 2001-01-30
 ; Remaining Prior Application data removed - See File Wrapper or PALM.
 ; NUMBER OF SEQ ID NOS: 15755
 ; SOFTWARE: Acomica Sequence Listing Engine
 ; Patent No. 6686188
 ; SEQ ID NO 8909
 ; LENGTH: 17
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 ; US-09-866-108A-8909

Query Match 4.2%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 1.9e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
 QY 709 GAGTCCCGAGGAGTGGA 725
 Db 1 GAGTCCCGAGGCGGA 17

RESULT 204
 US-0847-21
 ; Patent No. 5240847
 ; APPLICANT: HECKL, KONRAD; SPEVAK, WALTER; OSTERMANN, ELINBORG;
 ; ZOPHEL, ANDREAS; KRYSTEK, EDELTRAUD; MAURER-FOGY, INGRID;
 ; WICHE-CASTANON, MARIA J.; STRATOWA, CHRISTIAN; HAUPTMANN, RUDOLF
 ; TITLE OF INVENTION: HUMAN MANGANESE SUPEROXIDE DISMUTASE
 ; (HMN-SOD)
 ; NUMBER OF SEQUENCES: 34
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/07/167,261
 ; FILING DATE: 11-MAR-1998
 ; SEQ ID NO: 21:
 ; LENGTH: 17
 ; US-0847-21

Query Match 4.2%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 1.9e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
 QY 841 CTCCTGAAGACGCGTCC 857
 Db 1 CTCCTGAAGAAATGTC 17

RESULT 205
 US-08-682-218-2/c
 ; Sequence 2, Application US/08682218
 ; Patent No. 5747259
 ; GENERAL INFORMATION:
 ; APPLICANT: YOU, Qimin
 ; TITLE OF INVENTION: MATERIALS AND METHODS FOR
 ; TITLE OF INVENTION: SPECIES-SPECIFIC DETECTION OF MYCOBACTERIUM KANSASII
 ; TITLE OF INVENTION: NUCLEIC ACIDS
 ; NUMBER OF SEQUENCES: 40
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: R. J. Rodrick, Becton Dickinson and Company
 ; STREET: 1 Becton Drive
 ; CITY: Franklin Lakes
 ; STATE: NJ
 ; COUNTRY: US
 ; ZIP: 07417
 ; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: PatentIn Release #1.0, Version #1.30
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/682,218
 ; FILING DATE:
 ; CLASSIFICATION: 435
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Fugit, Donna R.
 ; REGISTRATION NUMBER: 32,135
 ; REFERENCE/DOCKET NUMBER: P-3630
 ; INFORMATION FOR SEQ ID NO: 2:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 18 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; US-08-682-218-2

Query Match 4.2%; Score 12.2; DB 1; Length 18;
 Best Local Similarity 82.4%; Pred. No. 2.1e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
 QY 709 GAGTCCCGAGGAGTGGA 725
 Db 17 GAGTCCCGAGGACAGA 1

RESULT 206
 US-08-470-837-21
 ; Sequence 21, Application US/08470837
 ; Patent No. 5800811
 ; GENERAL INFORMATION:
 ; APPLICANT: Nimmi, Marcel E.
 ; APPLICANT: Hall, Frederick L.
 ; APPLICANT: Tuan, Tai-lan
 ; APPLICANT: Wu, Lingtao
 ; APPLICANT: Cheung, David T.
 ; TITLE OF INVENTION: Transforming Growth Factor B Fusion
 ; TITLE OF INVENTION: and
 ; TITLE OF INVENTION: Their Use in Wound Healing
 ; NUMBER OF SEQUENCES: 34
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Merchant & Gould
 ; STREET: 11150 Santa Monica Boulevard, Suite 400
 ; CITY: Los Angeles
 ; STATE: California
 ; COUNTRY: USA
 ; ZIP: 90025-3395
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: PatentIn Release #1.0, Version #1.30
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/470,837
 ; FILING DATE:
 ; CLASSIFICATION: 424
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Sharp, Janice A.
 ; REGISTRATION NUMBER: 34,051
 ; REFERENCE/DOCKET NUMBER: 30630-1US01
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 310-445-1140
 ; TELEFAX: 310-445-9031
 ; INFORMATION FOR SEQ ID NO: 21:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 18 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: cDNA

FEATURE:
NAME/KEY: CDS
LOCATION: 1..18
FEATURE:
NAME/KEY: mat_peptide
LOCATION: 1
US-08-470-837-21

Query Match 4.2%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 2.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 915 ATTATCATCACCACAC 931
||| ||||| ||| |||
Db 2 ATCATCATCATCAC 18

RESULT 207
US-08-384-324-2
Sequence 2, Application US/08384324
Patent No. 5844110
GENERAL INFORMATION:
APPLICANT: Gold, Barry I.
TITLE OF INVENTION: Synthetic Triple Helix-Forming Compounds
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSEE: Dann, Dorfman, Herrell and Skillman
STREET: 1601 Market Street, Suite 720
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/384,324
FILING DATE: 31-JAN-1995
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: Reed, Janet E.
REGISTRATION NUMBER: 36,252
REFERENCE/DOCKET NUMBER: 63076
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 563-4100
TELEFAX: (215) 563-4044
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: not relevant
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: YES
ANTI-SENSE: YES
US-08-384-324-2

Query Match 4.2%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 2.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 828 TGTCCTCTCTCTCTCTCT 844
||| ||||| ||| |||
Db 2 TTCTCTCTCTCTCTCTCT 18

RESULT 208
US-08-244-597-13
Sequence 13, Application US/08244597
Patent No. 5885793
GENERAL INFORMATION:

APPLICANT: Griffiths, Andrew David
APPLICANT: Hoogenboom, Hendricus RJM
APPLICANT: Marks, James David
APPLICANT: McCafferty, John
APPLICANT: Winter, Gregory Paul
APPLICANT: Grigg, Geoffrey Walter
TITLE OF INVENTION: Production of anti-self antibodies from
TITLE OF INVENTION: antibody segment repertoires and displayed on phage
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: David W. Clough
STREET: Marshall, O'Toole, Gerstein, Murray & Borun
STREET: 6300 Sears Tower, 233 South Wacker Drive
CITY: Chicago
STATE: Illinois
COUNTRY: USA
ZIP: 60606-6402

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/244,597
FILING DATE: 01-JUN-1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: GB 9125579.4
FILING DATE: 02-DEC-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: GB 9125582.8
FILING DATE: 02-DEC-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: GB 9206318.9
FILING DATE: 24-MAR-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: GB 9206372.6
FILING DATE: 24-MAR-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/GB92/01755
FILING DATE: 23-SEP-1992
ATTORNEY/AGENT INFORMATION:
NAME: Clough, David W
REGISTRATION NUMBER: 36,107
REFERENCE/DOCKET NUMBER: 28111/32094
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312-474-6300
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-244-597-13

Query Match 4.2%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 2.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 753 CAGGGTCCCTAGGCTC 769
||| ||||| ||| |||
Db 1 CAGGGTACCTGGCCCC 17

RESULT 209
US-08-943-087-4
Sequence 4, Application US/08943087
Patent No. 5945511
GENERAL INFORMATION:
APPLICANT: Lok, Si
APPLICANT: Kho, Choon J.
APPLICANT: Jelmsberg, Anna C.

; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: cDNA to mRNA
 ; DESCRIPTION: PCR primer; see TABLE 1
 ; HYPOTHETICAL: NO
 ; ORIGINAL SOURCE:
 ; ORGANISM: Homo sapiens
 ; US-08-600-982-13

Query Match 4.2%; Score 12.2; DB 1; Length 18;
 Best Local Similarity 82.4%; Pred. No. 2.1e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 820 GTGGCTGTGCTCTTT 836
 |||||
 Db 1 GATGGCTGTGGATCTTT 17

RESULT 218

US-08-868-452-21
 ; Sequence 21, Application US/08868452C
 ; Patent No. 6352972

; GENERAL INFORMATION:
 ; APPLICANT: Marcel E. Nimni
 ; APPLICANT: Frederick L. Hall
 ; APPLICANT: Lingtao Wu
 ; APPLICANT: Bo Han
 ; APPLICANT: Edwin Shors
 ; TITLE OF INVENTION: BONE MORPHOGENETIC PROTEINS AND THEIR
 ; TITLE OF INVENTION: USE IN BONE GROWTH
 ; FILE REFERENCE: 17972-11
 ; CURRENT APPLICATION NUMBER: US/08/869,452C
 ; CURRENT FILING DATE: 1997-06-03
 ; NUMBER OF SEQ ID NOS: 51
 ; SOFTWARE: FastSeq for Windows Version 3.0
 ; SEQ ID NO 21
 ; LENGTH: 18
 ; TYPE: DNA
 ; ORGANISM: Human
 ; FEATURE:
 ; NAME/KEY: CDS
 ; LOCATION: (1)...(18)
 ; US-08-868-452-21

Query Match 4.2%; Score 12.2; DB 1; Length 18;
 Best Local Similarity 82.4%; Pred. No. 2.1e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 915 ATTATCATCACCACCAC 931
 |||||
 Db 2 ATCATCATCATCAC 18

RESULT 219

US-09-387-341-146
 ; Sequence 146, Application US/09387341
 ; Patent No. 6410323

; GENERAL INFORMATION:
 ; APPLICANT: Roberts, M. Luisa
 ; APPLICANT: Cowsett, Lex M.
 ; TITLE OF INVENTION: Antisense Modulation of Human Rho Family Gene
 ; TITLE OF INVENTION: Expression
 ; FILE REFERENCE: ISPH-0404
 ; CURRENT APPLICATION NUMBER: US/09/387,341
 ; CURRENT FILING DATE: 1999-08-31
 ; EARLIER APPLICATION NUMBER: 09/156,424
 ; EARLIER FILING DATE: 1998-09-18
 ; EARLIER APPLICATION NUMBER: 09/156,979
 ; EARLIER FILING DATE: 1998-09-18
 ; EARLIER APPLICATION NUMBER: 09/156,807
 ; EARLIER FILING DATE: 1998-09-18
 ; EARLIER APPLICATION NUMBER: 09/161,015

; EARLIER FILING DATE: 1998-09-25
 ; NUMBER OF SEQ ID NOS: 233
 ; SOFTWARE: PatentIn ver. 2.0
 ; SEQ ID NO 146
 ; LENGTH: 18
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
 ; US-09-387-341-146

Query Match 4.2%; Score 12.2; DB 1; Length 18;
 Best Local Similarity 82.4%; Pred. No. 2.1e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 873 CACTTCTCTGAGATGCA 889
 |||||
 Db 1 CACTTCTCTGAGCCA 17

RESULT 220

US-09-280-030-8
 ; Sequence 8, Application US/09280030A
 ; Patent No. 6506595

; GENERAL INFORMATION:
 ; APPLICANT: Sato, Seiji
 ; APPLICANT: Higashikuni, Naohiko
 ; APPLICANT: Kudo, Toshiyuki
 ; APPLICANT: Kondo, Masaaki
 ; TITLE OF INVENTION: DNAs ENCODING NEW FUSION PROTEINS AND PROCESSES FOR
 ; TITLE OF INVENTION: PREPARING USEFUL POLYPEPTIDES THROUGH EXPRESSION OF THE
 ; FILE REFERENCE: 382.1026
 ; CURRENT APPLICATION NUMBER: US/09/280,030A
 ; CURRENT FILING DATE: 1999-03-26
 ; EARLIER APPLICATION NUMBER: JP10-87339/1998
 ; EARLIER FILING DATE: 1998-03-31
 ; NUMBER OF SEQ ID NOS: 66
 ; SOFTWARE: PatentIn Ver. 2.0
 ; SEQ ID NO 8
 ; LENGTH: 18
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Description of Artificial Sequence: Designated is
 ; OTHER INFORMATION: a forward oligonucleotide encoding (His)₆
 ; US-09-280-030-8

Query Match 4.2%; Score 12.2; DB 1; Length 18;
 Best Local Similarity 82.4%; Pred. No. 2.1e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 915 ATTATCATCACCACCAC 931
 |||||
 Db 2 ATCATCATCATCAC 18

RESULT 221

US-09-280-030-9/c
 ; Sequence 9, Application US/09280030A
 ; Patent No. 6506595

; GENERAL INFORMATION:
 ; APPLICANT: Sato, Seiji
 ; APPLICANT: Higashikuni, Naohiko
 ; APPLICANT: Kudo, Toshiyuki
 ; APPLICANT: Kondo, Masaaki
 ; TITLE OF INVENTION: DNAs ENCODING NEW FUSION PROTEINS AND PROCESSES FOR
 ; TITLE OF INVENTION: PREPARING USEFUL POLYPEPTIDES THROUGH EXPRESSION OF THE
 ; FILE REFERENCE: 382.1026
 ; CURRENT APPLICATION NUMBER: US/09/280,030A
 ; CURRENT FILING DATE: 1999-03-26
 ; EARLIER APPLICATION NUMBER: JP10-87339/1998

```
; EARLIER FILING DATE: 1998-03-31
; NUMBER OF SEQ ID NOS: 66
; SOFTWARE: Patent in Ver. 2.0
; SEQ ID NO 9
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Designated as
; OTHER INFORMATION: a reverse oligonucleotide encoding (His)6
US-09-280-030-9

Query Match          4.2%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 2.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 915 ATTATCATCACCAAC 931
Db 17 ATCATCATCATCAC 1

RESULT 222
US-09-197-224-13
; Sequence 13, Application US/09197224
; Patent No. 6521404
; GENERAL INFORMATION:
; APPLICANT: Griffiths, Andrew David
; APPLICANT: Hoogenboom, Hendricus RJM
; APPLICANT: Marks, James David
; APPLICANT: McCafferty, John
; APPLICANT: Winter, Gregory Paul
; APPLICANT: Grigg, Geoffrey Walter
; TITLE OF INVENTION: Production of anti-self antibodies from
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: David W. Clough
; STREET: Marshall, O'Toole, Gerstein, Murray & Borun
; STREET: 6300 Sears Tower, 233 South Wacker Drive
; CITY: Chicago
; STATE: Illinois
; COUNTRY: USA
; ZIP: 60606-6402
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/197,224
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/244,597
; FILING DATE: 01-JUN-1994
; APPLICATION NUMBER: GB 9125579.4
; FILING DATE: 02-DEC-1991
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: GB 9125582.8
; FILING DATE: 02-DEC-1991
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: GB 9206318.9
; FILING DATE: 24-MAR-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: GB 9206372.6
; FILING DATE: 24-MAR-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/GB92/01755
; FILING DATE: 23-SEP-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Clough, David W
; REGISTRATION NUMBER: 36,107
; REFERENCE/DOCKET NUMBER: 28111/32094

; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 312-474-6300
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-197-224-13

Query Match          4.2%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 2.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 753 CAGGGTCCCTAGGCTTC 769
Db 1 CAGGGTACCTTGCCCC 17

RESULT 223
US-09-422-978-5267/c
; Sequence 5267, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 5267
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: upstream amplification primer 99-22975 for SEQ 1333,
US-09-422-978-5267

Query Match          4.2%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 2.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 890 CTTACTTCTCAGCTTCT 906
Db 18 CTTCTTCCCACTTCT 2

RESULT 224
US-09-422-978-7313/c
; Sequence 7313, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
```

EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 7313

LENGTH: 18
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..18
OTHER INFORMATION: upstream amplification primer 99-3620 for SEQ 3379,
US-09-422-978-7313

Query Match 4.2%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 2.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 932 CCTCCAGAGAAATTTTAC 948
Db 18 CCTCCCGTGAATTTAAC 2

RESULT 225

US-09-422-978-11532
Sequence 11532, Application US/09422978
Patent No. 6537751
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CPI
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 11532
LENGTH: 18
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..18
OTHER INFORMATION: downstream amplification primer 99-9375 for SEQ 3667, in compleme
US-09-422-978-11532

Query Match 4.2%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 2.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 706 AGCGAGTCCGAGAGAG 722
Db 2 AGTGAGTCCAAAGAGAG 18

RESULT 226

US-09-197-221-13
Sequence 13, Application US/09197221
Patent No. 6544731
GENERAL INFORMATION:
APPLICANT: Griffiths, Andrew David
APPLICANT: Hoogenboom, Hendricus RJM
APPLICANT: Marks, James David
APPLICANT: McCafferty, John
APPLICANT: Winter, Gregory Paul
APPLICANT: Grigg, Geoffrey Walter
TITLE OF INVENTION: Production of anti-self antibodies from
antibody segment repertoires and displayed on phage

NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: David W. Clough
STREET: Marshall, O'Toole, Gerstein, Murray & Borun
STREET: 6300 Sears Tower, 233 South Wacker Drive
CITY: Chicago
STATE: Illinois
COUNTRY: USA
ZIP: 60608-6402
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25 (BPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/197,221
FILING DATE:

CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/244,597
FILING DATE: 01-JUN-1994
APPLICATION NUMBER: GB 9125579.4
FILING DATE: 02-DEC-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: GB 9125582.8
FILING DATE: 02-DEC-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: GB 9206318.9
FILING DATE: 24-MAR-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: GB 9206372.6
FILING DATE: 24-MAR-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/GB92/01755
FILING DATE: 23-SEP-1992
ATTORNEY/AGENT INFORMATION:
NAME: Clough, David W
REGISTRATION NUMBER: 36,107
REFERENCE/DOCKET NUMBER: 28111/32094
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312-474-6300
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-197-221-13

Query Match 4.2%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 2.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 753 CAGGTCCTTAGCCCTC 769
Db 1 CAGGTCACCTTGGCCCC 17

RESULT 227

US-09-572-392A-13
Sequence 13, Application US/09572392A
Patent No. 6555313
GENERAL INFORMATION:
APPLICANT: Griffiths, Andrew
APPLICANT: Hoogenboom, Hendricus
APPLICANT: Marks, James
APPLICANT: McCafferty, John
APPLICANT: Winter, Gregory
APPLICANT: Grigg, Geoffrey
TITLE OF INVENTION: Production of Anti-Self Antibodies from Antibody Segment Repertoires
and Displayed on Phage
FILE REFERENCE: 28111/32094A
CURRENT APPLICATION NUMBER: US/09/572,392A

; CURRENT FILING DATE: 2000-05-16
; PRIOR APPLICATION NUMBER: US 09/197,224
; PRIOR FILING DATE: 1998-11-20
; PRIOR APPLICATION NUMBER: PCT/GB92/02240
; PRIOR FILING DATE: 1992-12-02
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 13
; LENGTH: 18
; TYPE: DNA
; ORGANISM: oligonucleotide CDRFOR
US-09-572-392A-13

Query Match 4.2%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 2.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 753 CAGGTCCTAGGCCTC 769
Db 1 CAGGTACCTTGGCCCC 17

RESULT 228
US-09-723-756-13
; Sequence 13, Application US/09723756
; Patent No. 6582915
; GENERAL INFORMATION:
; APPLICANT: Griffiths, Andrew David
; Hoogenboom, Hendricus RJM
; Marks, James David
; McCafferty, John
; Winter, Gregory Paul
; Grigg, Geoffrey Walter
; TITLE OF INVENTION: Production of anti-self antibodies from
; antibody segment repertoires and displayed on phage
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: David W. Clough
; STREET: Marshall, O'Toole, Gerstein, Murray & Borun
; 6300 Sears Tower, 233 South Wacker Drive
; CITY: Chicago
; STATE: Illinois
; COUNTRY: USA
; ZIP: 60606-6402
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/723,756
; FILING DATE: 28-NOV-1992
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: GB 9125579.4
; FILING DATE: 02-DEC-1991
; APPLICATION NUMBER: GB 9125582.8
; FILING DATE: 02-DEC-1991
; APPLICATION NUMBER: GB 9206318.9
; FILING DATE: 24-MAR-1992
; APPLICATION NUMBER: GB 9206372.6
; FILING DATE: 24-MAR-1992
; APPLICATION NUMBER: PCT/GB92/01755
; FILING DATE: 23-SEP-1992
; APPLICATION NUMBER: PCT/GB92/02240
; FILING DATE: 02-DEC-1992
; APPLICATION NUMBER: US 08/244,597
; FILING DATE: 26-OCT-1994
; APPLICATION NUMBER: US 09/197,224
; FILING DATE: 20-NOV-1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Clough, David W
; REGISTRATION NUMBER: 36,107

; REFERENCE/DOCKET NUMBER: 28111/32094E
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 312-474-6300
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 13:
US-09-723-756-13

Query Match 4.2%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 2.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 753 CAGGTCCTAGGCCTC 769
Db 1 CAGGTACCTTGGCCCC 17

RESULT 229
US-09-532-840-13
; Sequence 13, Application US/09532840
; Patent No. 8593081
; GENERAL INFORMATION:
; APPLICANT: Griffiths, Andrew
; Hoogenboom, Hendricus
; Marks, James
; McCafferty, John
; Winter, Gregory
; APPLICANT: Grigg, Geoffrey
; TITLE OF INVENTION: Production of Anti-Self Antibodies from Antibody Segment Repert
; FILE REFERENCE: 28111/32094D
; CURRENT APPLICATION NUMBER: US/09/532,840
; CURRENT FILING DATE: 2000-03-21
; PRIOR APPLICATION NUMBER: US 08/244,597
; PRIOR FILING DATE: 1994-06-01
; PRIOR APPLICATION NUMBER: GB 9125582.8
; PRIOR FILING DATE: 1991-12-02
; PRIOR APPLICATION NUMBER: GB 9206318.9
; PRIOR FILING DATE: 1992-03-24
; PRIOR APPLICATION NUMBER: GB 9206372.6
; PRIOR FILING DATE: 1992-03-24
; PRIOR APPLICATION NUMBER: GB 9125579.4
; PRIOR FILING DATE: 1991-12-02
; PRIOR APPLICATION NUMBER: PCT/GB92/01755
; PRIOR FILING DATE: 1992-09-23
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 13
; LENGTH: 18
; TYPE: DNA
; ORGANISM: oligonucleotide CDRFOR
US-09-532-840-13

Query Match 4.2%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 2.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 753 CAGGTCCTAGGCCTC 769
Db 1 CAGGTACCTTGGCCCC 17

RESULT 230
US-09-747-391-145
; Sequence 145, Application US/09747391
; Patent No. 6670124
; GENERAL INFORMATION:
; APPLICANT: Chow, Robert
; APPLICANT: Tonai, Richard

; APPLICANT: StemCyt, Inc.
 ; TITLE OF INVENTION: High Throughput Methods of HLA Typing
 ; FILE REFERENCE: 020035-000210US
 ; CURRENT APPLICATION NUMBER: US/09/747,391
 ; CURRENT FILING DATE: 2001-07-13
 ; PRIOR APPLICATION NUMBER: US 60/172,768
 ; PRIOR FILING DATE: 1999-12-20
 ; NUMBER OF SEQ ID NOS: 278
 ; SOFTWARE: FastSeq for Windows Version 3.0
 ; SEQ ID NO 145
 ; LENGTH: 16
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 ; US-09-747-391-145

Query Match 4.2%; Score 12.2; DB 1; Length 18;
 Best Local Similarity 82.4%; Pred. No. 2.1e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 744 GTAGGTCCTCCAGGTC 760
 Db 1 GCAGGTCCTCCAGGTC 17

RESULT 231
 US-09-861-779-4
 ; Sequence 4, Application US/09861779
 ; Patent No. 6686448
 ; GENERAL INFORMATION:
 ; APPLICANT: Lok, Si
 ; APPLICANT: Kho, Choon J.
 ; APPLICANT: Jeimberg, Anna C.
 ; APPLICANT: Adams, Robyn L.
 ; APPLICANT: Whitmore, Theodore E.
 ; APPLICANT: Farrah, Theresa M.
 ; TITLE OF INVENTION: Class II Cytokine Receptor-7
 ; FILE REFERENCE: 96-24C2
 ; CURRENT APPLICATION NUMBER: US/09/861,779
 ; CURRENT FILING DATE: 2001-05-21
 ; PRIOR APPLICATION NUMBER: 08/943,087
 ; PRIOR FILING DATE: 1997-10-02
 ; PRIOR APPLICATION NUMBER: 08/803,305
 ; PRIOR FILING DATE: 1997-02-20
 ; NUMBER OF SEQ ID NOS: 12
 ; SOFTWARE: FastSeq for Windows Version 3.0
 ; SEQ ID NO 4
 ; LENGTH: 18
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 ; US-09-861-779-4

Query Match 4.2%; Score 12.2; DB 1; Length 18;
 Best Local Similarity 82.4%; Pred. No. 2.1e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 820 GTTGGCTGTCTCTTT 836
 Db 1 GCTGGGTGTCTCTTT 17

RESULT 232
 PCT-US93-03077-6/c
 ; Sequence 6, Application PC/TUS9303077
 ; GENERAL INFORMATION:
 ; APPLICANT: Board of Regents, The University of Texas System
 ; APPLICANT: Gaynor, Richard B.
 ; APPLICANT: Wu, Foon Kin
 ; TITLE OF INVENTION: PROTEIN CELLULAR FACTOR USEFUL FOR
 ; TITLE OF INVENTION: REGULATING GENE EXPRESSION
 ; NUMBER OF SEQUENCES: 7
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Arnold White & Durkee
 ; STREET: P.O. Box 4433

; CITY: Houston
 ; STATE: Texas
 ; COUNTRY: USA
 ; ZIP: 77210
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: PatentIn Release #1.0, Version #1.25
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: PCT/US93/03077
 ; FILING DATE: 19930331
 ; CLASSIFICATION:
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: US/07/862,025
 ; FILING DATE: April 2, 1992
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Kammerer, Patricia A.
 ; REGISTRATION NUMBER: 29,775
 ; REFERENCE/DOCKET NUMBER: UTED270PCT
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 713-787-1540
 ; TELEFAX: 713-749-2679
 ; TELEX:
 ; INFORMATION FOR SEQ ID NO: 6:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 18 base pairs
 ; TYPE: NUCLEIC ACID
 ; STRANDEDNESS: unknown
 ; TOPOLOGY: unknown
 ; PCT-US93-03077-6

Query Match 4.2%; Score 12.2; DB 1; Length 18;
 Best Local Similarity 82.4%; Pred. No. 2.1e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 892 TACTTTCAGCTTCTGC 908
 Db 18 TTCTTTCTCTCTCTGC 2

RESULT 233
 PCT-US94-10261A-13
 ; Sequence 13, Application PC/TUS9410261A
 ; GENERAL INFORMATION:
 ; APPLICANT: Carter, William G.
 ; APPLICANT: Gil, Susanna A.
 ; APPLICANT: Ryan, Maureen C.
 ; TITLE OF INVENTION: Epiligrin, an Epithelial Ligand for
 ; TITLE OF INVENTION: Integrins
 ; NUMBER OF SEQUENCES: 30
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Christensen, O'Connor, Johnson, and Kindness
 ; STREET: 1420 Fifth Avenue
 ; CITY: Seattle
 ; STATE: WA
 ; COUNTRY: USA
 ; ZIP: 98101-8100
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: PatentIn Release #1.0, Version #1.25
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: PCT/US94/10261A
 ; FILING DATE: 02-SEP-1994
 ; CLASSIFICATION:
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Shelton, Dennis K.
 ; REGISTRATION NUMBER: 26,997
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (206) 682-8100
 ; TELEFAX: (206) 224-0779

INFORMATION FOR SEQ ID NO: 13:

SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA to mRNA
DESCRIPTION: PCR primer; see TABLE 1
HYPOTHETICAL: NO
ORIGINAL SOURCE:
ORGANISM: Homo sapiens
PCT-US94-10261A-13

Query Match 4.2%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 2.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 820 GTTGCTGTGCTCTTT 836
Db 1 GATGGCTGGATCTTT 17

RESULT 234

PCT-US96-01473-2
Sequence 2, Application PC/TUS9601473
GENERAL INFORMATION:
APPLICANT: University of Nebraska, Board of Regents
APPLICANT: Gold, Barry I.
TITLE OF INVENTION: Synthetic Triple Helix-Forming Compounds
NUMBER OF SEQUENCES: 14

CORRESPONDENCE ADDRESS:
ADDRESSEE: Dann, Dorfman, Herrell and Skillman
STREET: 1601 Market Street Suite 720
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103-2307

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US96/01473
FILING DATE: 29-JAN-1996

CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/384,324

FILING DATE: 01-FEB-1995
ATTORNEY/AGENT INFORMATION:

NAME: Reed, Janet E.

REGISTRATION NUMBER: 36,252

TELECOMMUNICATION INFORMATION:

TELEPHONE: (215) 563-4100

TELEFAX: (215) 563-4044

INFORMATION FOR SEQ ID NO: 2:

SEQUENCE CHARACTERISTICS:

LENGTH: 18 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: not relevant

MOLECULE TYPE: other nucleic acid

HYPOTHETICAL: YES

ANTI-SENSE: YES

PCT-US96-01473-2

Query Match 4.2%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 2.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 828 TGTCTCTTTCTCTTCT 844
Db 2 TTTCTTTTCTTTCTTCT 18

RESULT 235

US-08-173-489C-148

Sequence 148, Application US/08173489C

Patent No. 5861244

GENERAL INFORMATION:

APPLICANT: WANG, C. -G.

APPLICANT: HEPBURN, A. G.

TITLE OF INVENTION: GENETIC SEQUENCE ASSAY USING DNA

TITLE OF INVENTION: TRIPLE-STRAND FORMATION.

NUMBER OF SEQUENCES: 365

CORRESPONDENCE ADDRESS:

ADDRESSEE: PROFILE DIAGNOSTIC SCIENCES, INC.,

STREET: 510 EAST 73RD STREET,

CITY: NEW YORK

STATE: NEW YORK

COUNTRY: USA

ZIP: 10021.

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5 inch, 1.44Mb storage

COMPUTER: IBM PC/XT/AT

OPERATING SYSTEM: MS-DOS version 6.2

SOFTWARE: Wordperfect Version 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/173,489C

FILING DATE: 22 DEC 1993

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 07/968,436

FILING DATE: 29 OCT 1992

ATTORNEY/AGENT INFORMATION:

NAME: Handelman, Joseph H.

REGISTRATION NUMBER: 26,179

REFERENCE/DOCKET NUMBER: U9518-6

TELECOMMUNICATION INFORMATION:

TELEPHONE: (attorney) (212) 708-1880

TELEFAX: (attorney) (212) 246-8959

INFORMATION FOR SEQ ID NO: 148:

SEQUENCE CHARACTERISTICS:

LENGTH: 12 bases

TYPE: nucleic acid

STRANDEDNESS: single stranded

TOPOLOGY: linear

MOLECULE TYPE: other nucleic acid

DESCRIPTION: third strand derived from Hepatitis B

DESCRIPTION: isolate ayw sequence region in Seq ID No. 5861244147

HYPOTHETICAL: Yes

ANTI-SENSE: no

PUBLICATION INFORMATION:

RELEVANT RESIDUES IN SEQ ID NO: 148 :FROM 1 TO 12

US-08-173-489C-148

Query Match 4.1%; Score 12; DB 1; Length 12;

Best Local Similarity 100.0%; Pred. No. 1e+02;

Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 831 CTCCTTTCTTCT 842

Db 1 CTCCTTTCTTCT 12

RESULT 236

US-08-173-489C-271/c

Sequence 271, Application US/08173489C

Patent No. 5861244

GENERAL INFORMATION:

APPLICANT: WANG, C. -G.

APPLICANT: HEPBURN, A. G.

TITLE OF INVENTION: GENETIC SEQUENCE ASSAY USING DNA

TITLE OF INVENTION: TRIPLE-STRAND FORMATION.

NUMBER OF SEQUENCES: 365

CORRESPONDENCE ADDRESS:

ADDRESSEE: PROFILE DIAGNOSTIC SCIENCES, INC.,
STREET: 510 EAST 73RD STREET,
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
ZIP: 10021
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44Mb storage
COMPUTER: IBM PC/XT/AT
OPERATING SYSTEM: MS-DOS version 6.2
SOFTWARE: Wordperfect Version 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/173,489C
FILING DATE: 22 DEC 1993
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/968,436
FILING DATE: 29 OCT 1992
ATTORNEY/AGENT INFORMATION:
NAME: Handelman, Joseph H.
REGISTRATION NUMBER: 26,179
REFERENCE/DOCKET NUMBER: U9518-6
TELECOMMUNICATION INFORMATION:
TELEPHONE: (attorney) (212) 708-1880
TELEFAX: (attorney) (212) 246-8959
INFORMATION FOR SEQ ID NO: 271:
SEQUENCE CHARACTERISTICS:
LENGTH: 13 base pairs
TYPE: nucleic acid
STRANDEDNESS: double stranded
TOPOLOGY: linear
MOLECULE TYPE: genomic DNA
DESCRIPTION: 16S rRNA gene from Alcaligenes
DESCRIPTION: faecalis (Accession # M22508, M22467)
DESCRIPTION: nucleotides 444 to 456
HYPOTHETICAL: no
ANTI-SENSE: no
ORIGINAL SOURCE:
ORGANISM: Alcaligenes faecalis
PUBLICATION INFORMATION:
AUTHORS: Dewhirst, F B, Paster, B J, Bright,
AUTHORS: P.L.
TITLE: Chromobacterium, Eikenella,
TITLE: Kingella, Neisseria, Simonsiella and
TITLE: Vitreoscilla species comprise a major branch of
TITLE: the beta group Proteobacteria by 16S rRNA
TITLE: sequence comparison
JOURNAL: International Journal of Systematic
JOURNAL: Biology
VOLUME: 0
PAGES: 0-0
DATE: 1990
RELEVANT RESIDUES IN SEQ ID NO: 271 :FROM 1 TO 13
US-08-173-489C-271

Query Match 4.1%; Score 12; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 833 CTTTCTCTCT 844
Db 12 CTTTCTCTCT 1

RESULT 237

US-08-584-040-8481
Sequence 8481, Application US/08584040
Patent No. 6346398
GENERAL INFORMATION:
APPLICANT: Pavco, Pamela
APPLICANT: McSwiggen, James
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Escobedo, Jaime

TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TREATMENT OF DISEASES OR
CONDITIONS RELATED TO LEVELS
OF VASCULAR ENDOTHELIAL
GROWTH FACTOR
NUMBER OF SEQUENCES: 8502
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Watburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 8481:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-584-040-8481

Query Match 4.1%; Score 12; DB 1; Length 15;
Best Local Similarity 75.0%; Pred. No. 1.6e+02;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 800 GAGCTCTCTCC 811
Db 1 GAGCUCUCCUCC 12

RESULT 238

US-09-371-772B-4136
Sequence 4136, Application US/09371772B
Patent No. 656127
GENERAL INFORMATION:
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MBH00.876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0


```

; SEQ ID NO 4136
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-4136

Query Match 4.1%; Score 12; DB 1; Length 15;
Best Local Similarity 75.0%; Pred. No. 1.6e+02;
Matches 9; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 800 GAGCTCTCTCC 811
||||:||||
Db 1 GAGCUCUCCUCC 12

RESULT 239
US-08-584-040-4364
; Sequence 4364, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 4364:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-08-584-040-4364

Query Match 4.1%; Score 12; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 2.1e+02;
Matches 9; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 800 GAGCTCTCTCC 811
||||:||||
Db 2 GAGCUCUCCUCC 13

RESULT 241
US-09-371-772B-2131
; Sequence 2131, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Stinchcomb, Dan

; SEQ ID NO 4136
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-4136

Query Match 4.1%; Score 12; DB 1; Length 15;
Best Local Similarity 75.0%; Pred. No. 1.6e+02;
Matches 9; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 800 GAGCTCTCTCC 811
||||:||||
Db 1 GAGCUCUCCUCC 12

RESULT 239
US-08-584-040-4364
; Sequence 4364, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 4364:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-08-584-040-4364

Query Match 4.1%; Score 12; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 2.1e+02;
Matches 9; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 800 GAGCTCTCTCC 811
||||:||||
Db 2 GAGCUCUCCUCC 13

RESULT 241
US-09-371-772B-2131
; Sequence 2131, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Stinchcomb, Dan
```

```

; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2131
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-2131

```

```

Query Match      4.1%; Score 12; DB 1; Length 17;
Best Local Similarity 75.0%; Pred.No. 2.1e+02;
Matches 9; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

```

```

QY      800 GAGCTCTCTCTCC 811
      |||||:|:|:|
Db      4 GAGCUCUCCUCC 15

```

RESULT 242

```

US-09-371-772B-2132
; Sequence 2132, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2132
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-2132

```

```

Query Match      4.1%; Score 12; DB 1; Length 17;
Best Local Similarity 75.0%; Pred.No. 2.1e+02;
Matches 9; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

```

```

QY      800 GAGCTCTCTCTCC 811
      |||||:|:|:|
Db      2 GAGCUCUCCUCC 13

```

RESULT 243

```

US-09-371-772B-6919
; Sequence 6919, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime

```

```

; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6919
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-6919

```

```

Query Match      4.1%; Score 12; DB 1; Length 17;
Best Local Similarity 75.0%; Pred.No. 2.1e+02;
Matches 9; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

```

```

QY      800 GAGCTCTCTCTCC 811
      |||||:|:|:|
Db      5 GAGCUCUCCUCC 16

```

RESULT 244

```

US-09-371-772B-6920
; Sequence 6920, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6920
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-6920

```

```

Query Match      4.1%; Score 12; DB 1; Length 17;
Best Local Similarity 75.0%; Pred.No. 2.1e+02;
Matches 9; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

```

```

QY      800 GAGCTCTCTCTCC 811
      |||||:|:~|:|
Db      3 GAGCUCUCCUCC 14

```

RESULT 245

```

US-09-371-772B-6921
; Sequence 6921, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel

```

```
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBHB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6921
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
; US-09-371-772B-6921

Query Match          4.1%; Score 12; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 2.1e+02;
Matches 9; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

Qy      800 GAGCTCTCTCTCC 811
Db      1 GAGCUCUCCUCC 12

RESULT 246
US-09-356-806-19
; Sequence 19, Application US/09356806
; Patent No. 6586175
; GENERAL INFORMATION:
; APPLICANT: Penny, Laura
; APPLICANT: Galvin, Margaret
; APPLICANT: Miller, Andrew
; APPLICANT: Reidy, Michael
; TITLE OF INVENTION: Genotyping Human
; TITLE OF INVENTION: UDP-Glucuronosyltransferase 2B4 (UGT2B4), 2B7 (UGT2B7) and
; TITLE OF INVENTION: 2B15 (UGT2B15) Genes
; FILE REFERENCE: SEQ-22PRV2
; CURRENT APPLICATION NUMBER: US/09/356,806
; CURRENT FILING DATE: 1999-07-20
; NUMBER OF SEQ ID NOS: 164
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 19
; LENGTH: 17
; TYPE: DNA
; ORGANISM: H. sapiens
; US-09-356-806-19

Query Match          4.1%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 2.1e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      958 GCCAAATTGACT 969
Db      5 GCCAAATTGACT 16

RESULT 247
US-08-390-850-1060/c
; Sequence 1060, Application US/08390850
; Patent No. 5612215
; GENERAL INFORMATION:
; APPLICANT: Draper, Kenneth G.
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Gustofson, John
; APPLICANT: Stinchcomb, Dan T.
; TITLE OF INVENTION: METHOD AND REAGENT FOR TREATMENT
; TITLE OF INVENTION: OF ARTHRITIC CONDITIONS
; NUMBER OF SEQUENCES: 1151
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
```

```
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/390,850
; FILING DATE: February 17, 1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/354,920
; FILING DATE: December 13, 1994
; APPLICATION NUMBER: 08/152,487
; FILING DATE: No. 5612215emder 12, 1993
; APPLICATION NUMBER: 07/989,848
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 211/084
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1060:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-390-850-1060

Query Match          4.1%; Score 12; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 2.3e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      974 AAATCTGGTGTA 985
Db      12 AAATCTGGTGTA 1

RESULT 248
US-08-435-634-1060/c
; Sequence 1060, Application US/08435634
; Patent No. 5731295
; GENERAL INFORMATION:
; APPLICANT: Draper, Kenneth G.
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Gustofson, John
; APPLICANT: Stinchcomb, Dan T.
; TITLE OF INVENTION: METHOD AND REAGENT FOR TREATMENT
; TITLE OF INVENTION: OF ARTHRITIC CONDITIONS
; NUMBER OF SEQUENCES: 1151
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
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; REFERENCE/DOCKET NUMBER: 208/157
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 96:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-291-932A-96

Query Match 4.1%; Score 11.8; DB 1; Length 15;
Best Local Similarity 66.7%; Pred. No. 1.8e+02;
Matches 10; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 798 AAGAGCTCTCTCCCA 812
Db 1 AAGACUUCUCCUCCA 15

RESULT 252
US-08-363-240A-697
; Sequence 697, Application US/08363240A
; Patent No. 5705388
; GENERAL INFORMATION:
; APPLICANT: Couture, Larry
; APPLICANT: McSwiggen, James
; APPLICANT: Bisgaier, Charles
; APPLICANT: Pape, Michael
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; TITLE OF INVENTION: PREVENTION, INHIBITION OF
; TITLE OF INVENTION: PROGRESSION AND REGRESSION
; TITLE OF INVENTION: OF VASCULAR DISEASES
; NUMBER OF SEQUENCES: 1243
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/363,240A
; FILING DATE: December 23, 1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 210/096
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 697:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-363-240A-697

Query Match 4.1%; Score 11.8; DB 1; Length 15;
Best Local Similarity 66.7%; Pred. No. 1.8e+02;
Matches 10; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 913 AGATTATCATCACCACCA 927
Db 1 AGGAUUAUCCUCCA 15

RESULT 254
US-08-363-240A-771
```

Two

; Sequence 771, Application US/08363240A
; Patent No. 5705388

; GENERAL INFORMATION:

; APPLICANT: Couture, Larry

; APPLICANT: McSwiggen, James

; APPLICANT: Bisgater, Charles

; APPLICANT: Pape, Michael

; TITLE OF INVENTION: METHOD AND REAGENT FOR

; TITLE OF INVENTION: PREVENTION, INHIBITION OF

; TITLE OF INVENTION: PROGRESSION AND REGRESSION

; TITLE OF INVENTION: OF VASCULAR DISEASES

; NUMBER OF SEQUENCES: 1243

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Lyon & Lyon

; STREET: 633 West Fifth Street

; CITY: Suite 4700

; STATE: California

; COUNTRY: U.S.A.

; ZIP: 90071

; COMPUTER READABLE FORM:

; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

; MEDIUM TYPE: storage

; COMPUTER: IBM Compatible

; OPERATING SYSTEM: IBM P.C. DOS 5.0

; SOFTWARE: Word Perfect 5.1

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/363,240A

; FILING DATE: December 23, 1994

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER:

; FILING DATE:

; ATTORNEY/AGENT INFORMATION:

; NAME: Warburg, Richard

; REGISTRATION NUMBER: 32,327

; REFERENCE/DOCKET NUMBER: 210/096

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (213) 489-1600

; TELEFAX: (213) 955-0440

; TELEX: 67-3510

; INFORMATION FOR SEQ ID NO: 771:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 15 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; US-08-363-240A-771

Query Match 4.1%; Score 11.8; DB 1; Length 15;
Best Local Similarity 40.0%; Pred. No. 1.8e+02;
Matches 6; Conservative 7; Mismatches 2; Indels 0; Gaps 0;

QY 822 TGGCTGTGCTCTTT 836

Db 1 UGGCUGUCUCUCU 15

RESULT 255

US-08-292-620A-146

; Sequence 146, Application US/08292620A

; Patent No. 5837542

; GENERAL INFORMATION:

; APPLICANT: Susan Grimm

; APPLICANT: Dan T. Stinchcomb

; APPLICANT: James McSwiggen

; APPLICANT: Sean Sullivan

; APPLICANT: Kenneth G. Draper

; TITLE OF INVENTION: RIBOZYME TREATMENT OF

; TITLE OF INVENTION: DISEASES OR CONDITIONS

; TITLE OF INVENTION: RELATED TO LEVELS OF

; TITLE OF INVENTION: INTRACELLULAR ADHESION

; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)

; NUMBER OF SEQUENCES: 2390

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Lyon & Lyon

; STREET: 633 West Fifth Street

; CITY: Suite 4700

; STATE: California

; COUNTRY: U.S.A.

; ZIP: 90071

; COMPUTER READABLE FORM:

; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

; MEDIUM TYPE: storage

; COMPUTER: IBM Compatible

; OPERATING SYSTEM: IBM P.C. DOS 5.0

; SOFTWARE: Word Perfect 5.1

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/363,240A

; FILING DATE: December 23, 1994

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER:

; FILING DATE:

; ATTORNEY/AGENT INFORMATION:

; NAME: Warburg, Richard

; REGISTRATION NUMBER: 32,327

; REFERENCE/DOCKET NUMBER: 210/096

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (213) 489-1600

; TELEFAX: (213) 955-0440

; TELEX: 67-3510

; INFORMATION FOR SEQ ID NO: 771:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 15 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; US-08-363-240A-771

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Lyon & Lyon

; STREET: 633 West Fifth Street

; CITY: Suite 4700

; STATE: California

; COUNTRY: U.S.A.

; ZIP: 90071-2066

; COMPUTER READABLE FORM:

; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

; MEDIUM TYPE: storage

; COMPUTER: IBM Compatible

; OPERATING SYSTEM: IBM P.C. DOS 5.0

; SOFTWARE: Word Perfect 5.1

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/292,620A

; FILING DATE: August 17, 1994

; CLASSIFICATION: 435

; PRIOR APPLICATION DATA:

; PRIOR APPLICATION DATA: including application

; PRIOR APPLICATION DATA: described below:

; APPLICATION NUMBER: 08/008,895

; FILING DATE: January 19, 1993

; APPLICATION NUMBER: 07/989,849

; FILING DATE: December 7, 1992

; ATTORNEY/AGENT INFORMATION:

; NAME: Warburg, Richard J.

; REGISTRATION NUMBER: 32,327

; REFERENCE/DOCKET NUMBER: 208/149

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (213) 489-1600

; TELEFAX: (213) 955-0440

; TELEX: 67-3510

; INFORMATION FOR SEQ ID NO: 146:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 15 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; US-08-292-620A-146

Query Match 4.1%; Score 11.8; DB 1; Length 15;

Best Local Similarity 53.3%; Pred. No. 1.8e+02;

Matches 8; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

QY 910 ATCAGATTATCATCA 924

Db 1 AUGAGAUGUCAUCA 15

RESULT 256

US-08-292-620A-147

; Sequence 147, Application US/08292620A

; Patent No. 5837542

; GENERAL INFORMATION:

; APPLICANT: Susan Grimm

; APPLICANT: Dan T. Stinchcomb

; APPLICANT: James McSwiggen

; APPLICANT: Sean Sullivan

; APPLICANT: Kenneth G. Draper

; TITLE OF INVENTION: RIBOZYME TREATMENT OF

; TITLE OF INVENTION: DISEASES OR CONDITIONS

; TITLE OF INVENTION: RELATED TO LEVELS OF

; TITLE OF INVENTION: INTRACELLULAR ADHESION

; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)

; NUMBER OF SEQUENCES: 2390

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Lyon & Lyon

; STREET: 633 West Fifth Street

; CITY: Suite 4700

; STATE: California

; COUNTRY: U.S.A.

; ZIP: 90071

; COMPUTER READABLE FORM:

; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

; MEDIUM TYPE: storage

; COMPUTER: IBM Compatible

; OPERATING SYSTEM: IBM P.C. DOS 5.0

; SOFTWARE: Word Perfect 5.1

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/292,620A

; FILING DATE: August 17, 1994

; CLASSIFICATION: 435

; PRIOR APPLICATION DATA:

; PRIOR APPLICATION DATA: including application

; PRIOR APPLICATION DATA: described below:

; APPLICATION NUMBER: 08/008,895

; FILING DATE: January 19, 1993

; APPLICATION NUMBER: 07/989,849

; FILING DATE: December 7, 1992

; ATTORNEY/AGENT INFORMATION:

; NAME: Warburg, Richard J.

; REGISTRATION NUMBER: 32,327

; REFERENCE/DOCKET NUMBER: 208/149

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (213) 489-1600

; TELEFAX: (213) 955-0440

; TELEX: 67-3510

; INFORMATION FOR SEQ ID NO: 146:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 15 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; US-08-292-620A-146

Query Match 4.1%; Score 11.8; DB 1; Length 15;

Best Local Similarity 53.3%; Pred. No. 1.8e+02;

Matches 8; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

QY 910 ATCAGATTATCATCA 924

Db 1 AUGAGAUGUCAUCA 15

RESULT 256

US-08-292-620A-147

; Sequence 147, Application US/08292620A

; Patent No. 5837542

; GENERAL INFORMATION:

; APPLICANT: Susan Grimm

; APPLICANT: Dan T. Stinchcomb

; APPLICANT: James McSwiggen

; APPLICANT: Sean Sullivan

; APPLICANT: Kenneth G. Draper

; TITLE OF INVENTION: RIBOZYME TREATMENT OF

; TITLE OF INVENTION: DISEASES OR CONDITIONS

; TITLE OF INVENTION: RELATED TO LEVELS OF

; TITLE OF INVENTION: INTRACELLULAR ADHESION

; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)

; NUMBER OF SEQUENCES: 2390

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Lyon & Lyon

; STREET: 633 West Fifth Street

; CITY: Suite 4700

; STATE: California

; COUNTRY: U.S.A.

; ZIP: 90071

; COMPUTER READABLE FORM:

; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

; MEDIUM TYPE: storage

; COMPUTER: IBM Compatible

; OPERATING SYSTEM: IBM P.C. DOS 5.0

; SOFTWARE: Word Perfect 5.1

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/292,620A

; FILING DATE: August 17, 1994

; CLASSIFICATION: 435

; PRIOR APPLICATION DATA:

; PRIOR APPLICATION DATA: including application

; PRIOR APPLICATION DATA: described below:

; APPLICATION NUMBER: 08/008,895

; FILING DATE: January 19, 1993

; APPLICATION NUMBER: 07/989,849

; FILING DATE: December 7, 1992

; ATTORNEY/AGENT INFORMATION:

; NAME: Warburg, Richard J.

; REGISTRATION NUMBER: 32,327

; REFERENCE/DOCKET NUMBER: 208/149

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (213) 489-1600

; TELEFAX: (213) 955-0440

; TELEX: 67-3510

; INFORMATION FOR SEQ ID NO: 146:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 15 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; US-08-292-620A-146

Query Match 4.1%; Score 11.8; DB 1; Length 15;

Best Local Similarity 53.3%; Pred. No. 1.8e+02;

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; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/292,620A
; FILING DATE: August 17, 1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA: including application
; PRIOR APPLICATION DATA: described below:
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/149
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 147:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-292-620A-147

Query Match 4.1%; Score 11.8; DB 1; Length 15;
Best Local Similarity 60.0%; Pred. No. 1.8e+02;
Matches 9; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 913 AGATTATCATCA 927
DB 1 AGAUGUCAUCA 15

RESULT 257
US-08-585-684B-1649/c
; Sequence 1649, Application US/08585684B
; Patent No. 5877021
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/585,684B
; FILING DATE: January 16, 1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/000,951
; FILING DATE: July 7, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/078
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1650:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; PRIOR APPLICATION DATA:

```

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; APPLICATION NUMBER: 60/000,951
; FILING DATE: July 7, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/078
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1649:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-585-684B-1649

Query Match 4.1%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.8e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 900 AGCTTCTGCGATCAG 914
DB 15 AGCATCTGAGATCAG 1

RESULT 258
US-08-585-684B-1650/c
; Sequence 1650, Application US/08585684B
; Patent No. 5877021
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/585,684B
; FILING DATE: January 16, 1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/000,951
; FILING DATE: July 7, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/078
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1650:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear

```

two

US-08-585-684B-1650

Query Match 4.1%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.8e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 900 AGCTTCTGCATCAG 914
|||||
Db 15 AGCATCTGATCAG 1

RESULT 259

US-09-071-845-146
; Sequence 146, Application US/09071845
; Patent No. 6132967

; GENERAL INFORMATION:
; APPLICANT: Susan Grimm
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: INTRACELLULAR ADHESION
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
; NUMBER OF SEQUENCES: 2390
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066

COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/071,845
; FILING DATE:
; CLASSIFICATION:

PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/292,620
; FILING DATE: August 17, 1994
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/149
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 146:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear

US-09-071-845-146
Query Match 4.1%; Score 11.8; DB 1; Length 15;
Best Local Similarity 53.3%; Pred. No. 1.8e+02;
Matches 8; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

QY 910 ATCAGATTATCATCA 924
|||||

Db 1 AUGAGAUUGCAUCA 15
|||||

RESULT 260
US-09-071-845-147
; Sequence 147, Application US/09071845
; Patent No. 6132967

; GENERAL INFORMATION:
; APPLICANT: Susan Grimm
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: INTRACELLULAR ADHESION
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
; NUMBER OF SEQUENCES: 2390
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066

COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/071,845
; FILING DATE:
; CLASSIFICATION:

PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/292,620
; FILING DATE: August 17, 1994
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/149
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 147:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear

US-09-071-845-147
Query Match 4.1%; Score 11.8; DB 1; Length 15;
Best Local Similarity 60.0%; Pred. No. 1.8e+02;
Matches 9; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 913 AGATTATCATCACA 927
|||||

Db 1 AGAUUGCAUCAUCA 15
|||||

RESULT 261
US-09-038-073-1649/c
; Sequence 1649, Application US/09038073

Patent No. 6194150
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Daniel T.
APPLICANT: Jarvis, Thale
APPLICANT: McSwiggen, James
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
INDUCTION OF GRAFT TOLERANCE
TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
NUMBER OF SEQUENCES: 2751
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/038,073
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/585,684
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/078
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1649:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-038-073-1649
Query Match 4.1%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.8e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 900 AGCTTCTCGATCAG 914
Db 15 AGCATCTGATCAG 1
RESULT 262
US-09-038-073-1650/c
Sequence 1650, Application US/09038073
Patent No. 6194150
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Daniel T.
APPLICANT: Jarvis, Thale
APPLICANT: McSwiggen, James
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
INDUCTION OF GRAFT TOLERANCE
TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
NUMBER OF SEQUENCES: 2751
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.

ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/038,073
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/585,684
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/078
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1650:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-038-073-1650
Query Match 4.1%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.8e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 900 AGCTTCTCGATCAG 914
Db 15 AGCATCTGATCAG 1
RESULT 263
US-08-232-087A-5/c
Sequence 5, Application US/08232087A
Patent No. 5866372
GENERAL INFORMATION:
APPLICANT: Stein, Harald
APPLICANT: D'Kop, Horst
APPLICANT: Latza, Ute
TITLE OF INVENTION: Lymphoid CD30-Antigen
NUMBER OF SEQUENCES: 11
CORRESPONDENCE ADDRESS:
ADDRESSEE: Birch, Stewart, Kolasch & Birch, LLP
STREET: 810 Gatehouse Road, Suite 500 East
CITY: Falls Church
STATE: Virginia
COUNTRY: U.S.A.
ZIP: 22042
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/232,087A
FILING DATE: 08-SEP-1994
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Murphy Jr., Gerald M.
REGISTRATION NUMBER: 28,977
REFERENCE/DOCKET NUMBER: 756-103P
TELEPHONE: (703) 205-8000
TELEFAX: (703) 205-8050
TELEX: 248345
INFORMATION FOR SEQ ID NO: 5;

SEQUENCE CHARACTERISTICS:
 LENGTH: 16 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: cDNA
 HYPOTHETICAL: NO
 ANTI-SENSE: NO
 ORIGINAL SOURCE:
 ORGANISM: Homo sapiens
 US-08-232-087A-5

Query Match 4.1%; Score 11.8; DB 1; Length 16;
 Best Local Similarity 86.7%; Pred. No. 2e+02;
 Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 781 GCAGCCCTCTCGTG 795
 Db 15 GCAGCCCTCTCGTG 1

RESULT 264

US-08-985-090-24
 Sequence 24, Application US/08985090
 Patent No. 5885893
 GENERAL INFORMATION:
 APPLICANT: Andrew D.J. Goodearl
 TITLE OF INVENTION: MUSCARINIC RECEPTORS AND USES THEREFOR
 NUMBER OF SEQUENCES: 28
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: LAHIVE & COCKFIELD, LLP
 STREET: 28 State Street
 CITY: Boston
 STATE: Massachusetts
 COUNTRY: USA
 ZIP: 02109

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patent In Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/985,090
 FILING DATE:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER:

ATTORNEY/AGENT INFORMATION:
 NAME: Jean M. Silveri
 REGISTRATION NUMBER: 39,030
 REFERENCE/DOCKET NUMBER: MNI-032
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (617)227-7400
 TELEFAX: (617)742-4214
 INFORMATION FOR SEQ ID NO: 24:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 16 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: cDNA
 US-08-985-090-24

Query Match 4.1%; Score 11.8; DB 1; Length 16;
 Best Local Similarity 86.7%; Pred. No. 2e+02;
 Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 775 CTGAGGCGAGCCCT 789
 Db 1 CTGAGGCGAGCCCT 15

RESULT 265

US-09-165-543-26
 Sequence 26, Application US/09165543
 Patent No. 6093545
 GENERAL INFORMATION:
 APPLICANT: Andrew D.J. Goodearl and Sandra Glucksmann
 TITLE OF INVENTION: Muscarinic Receptors and Uses Therefor
 NUMBER OF SEQUENCES: 39
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: LAHIVE & COCKFIELD, LLP
 STREET: 28 State Street
 CITY: Boston
 STATE: Massachusetts
 COUNTRY: USA
 ZIP: 02109

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patent In Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/165,543
 FILING DATE:
 CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 09/042,780
 FILING DATE:

ATTORNEY/AGENT INFORMATION:
 NAME: Elizabeth A. Hanley
 REGISTRATION NUMBER: 33,505
 REFERENCE/DOCKET NUMBER: MNI-032CP
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (617)227-7400
 TELEFAX: (617)742-4214
 INFORMATION FOR SEQ ID NO: 26:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 16 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: cDNA
 US-09-165-543-26

Query Match 4.1%; Score 11.8; DB 1; Length 16;
 Best Local Similarity 86.7%; Pred. No. 2e+02;
 Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 775 CTGAGGCGAGCCCT 789
 Db 1 CTGAGGCGAGCCCT 15

RESULT 266

US-08-373-124A-1713
 Sequence 1713, Application US/08373124A
 Patent No. 5646042

GENERAL INFORMATION:
 APPLICANT: Stinchcomb, Dan T.
 APPLICANT: Draper, Kenneth
 APPLICANT: McSwiggen, James
 APPLICANT: Jarvis, Thale
 TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
 TREATMENT OF RESTENOSIS AND
 CANCER USING RIBOZYMES
 NUMBER OF SEQUENCES: 2627
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Lyon & Lyon
 STREET: 633 West Fifth Street
 CITY: Suite 4700
 CITY: Los Angeles
 STATE: California
 COUNTRY: U.S.A.
 ZIP: 90071
 COMPUTER READABLE FORM:

[illegible]

```
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
US-08-758-306-929

Query Match
Best Local Similarity 4.1%; Score 11.8; DB 1; Length 17;
Matches 6; Conservative 7; Mismatches 2; Indels 0; Gaps 0;

QY 834 TTCTTCTCTCTGAAG 848
Db 3 UGUUAUCUCUGAAG 17

RESULT 269
US-08-758-306-931
; Sequence 931, Application US/08758306
; Patent No. 5807743
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES
; TITLE OF INVENTION: ASSOCIATED WITH
; TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR
; TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION
; NUMBER OF SEQUENCES: 1379
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/758,306
; FILING DATE: December 3, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 212/132
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 931:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-758-306-931

Query Match
Best Local Similarity 4.1%; Score 11.8; DB 1; Length 17;
Matches 6; Conservative 7; Mismatches 2; Indels 0; Gaps 0;

QY 834 TTCTTCTCTCTGAAG 848
Db 2 UGUUAUCUCUGAAG 16

RESULT 270
US-08-758-306-933
; Sequence 933, Application US/08758306
; Patent No. 5807743
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: McSwiggen, James A.
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES
; TITLE OF INVENTION: ASSOCIATED WITH
; TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR
; TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION
; NUMBER OF SEQUENCES: 1379
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/758,306
; FILING DATE: December 3, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 212/132
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 933:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-758-306-933

Query Match
Best Local Similarity 4.1%; Score 11.8; DB 1; Length 17;
Matches 7; Conservative 6; Mismatches 2; Indels 0; Gaps 0;

QY 836 TTCTTCTCTCTGAAGAC 850
Db 2 UUAUUCUCUGAAGCC 16

RESULT 271
US-08-435-628-1713
; Sequence 1713, Application US/08435628
; Patent No. 5817796
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
```



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; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 337:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-985-162-337
;
; Query Match
; Best Local Similarity 66.7%; Pred. No. 2.3e+02;
; Matches 10; Conservative 3; Mismatches 2; Indels 0; Gaps 0;
;
; QY 800 GAGCTCTCTCCCAAC 814
; DB 2 GAGAUCCUCCCAUC 16
;
; RESULT 274
; US-09-218-979-14
; Sequence 14, Application US/09218979
; Patent No. 6312960
; GENERAL INFORMATION:
; APPLICANT: William J. Balch
; APPLICANT: Michael E. Hogan
; TITLE OF INVENTION: Multiplexed molecular analysis apparatus
; FILE REFERENCE: 07762-002003
; CURRENT APPLICATION NUMBER: US/09/218,979
; CURRENT FILING DATE: 1998-12-22
; PRIOR FILING DATE: 1997-12-31
; NUMBER OF SEQ ID NOS: 32
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 14
; LENGTH: 17
; TYPE: DNA
; ORGANISM: homo sapien
; US-09-218-979-14
;
; Query Match
; Best Local Similarity 86.7%; Pred. No. 2.3e+02;
; Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
;
; QY 774 TCTGAGGGCAGCCC 788
; DB 2 TCTGAGGGCAACCTC 16
;
; RESULT 275
; US-08-584-040-2399
; Sequence 2389, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
;
; Query Match
; Best Local Similarity 4.1%; Score 11.8; DB 1; Length 17;
; Matches 10; Conservative 3; Mismatches 2; Indels 0; Gaps 0;
;
; QY 861 CTCGAGTTGGACAC 875
; DB 2 CUCCAGUUGGACUC 16
;
; RESULT 276
; US-08-584-040-2602
; Sequence 2602, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2389:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-584-040-2389
;
; Query Match
; Best Local Similarity 66.7%; Pred. No. 2.3e+02;
; Matches 10; Conservative 3; Mismatches 2; Indels 0; Gaps 0;
;
; QY 861 CTCGAGTTGGACAC 875
; DB 2 CUCCAGUUGGACUC 16
;
; RESULT 276
; US-08-584-040-2602
; Sequence 2602, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:

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; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2602:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-584-040-2602

Query Match 4.1%; Score 11.8; DB 1; Length 17;
Best Local Similarity 60.0%; Pred. No. 2.3e+02;
Matches 9; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

Qy 809 TCCTCACTCAGGTTG 823
Db 2 UCRAACUCAGGUUG 16
:|||||:|

RESULT 277
US-08-584-040-2613/c
; Sequence 2613, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 5487:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-584-040-5487

Query Match 4.1%; Score 11.8; DB 1; Length 17;
Best Local Similarity 60.0%; Pred. No. 2.3e+02;
Matches 9; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

Qy 809 TCCTCACTCAGGTTG 823
Db 2 UCRAACUCAGGUUG 16
:|||||:|

RESULT 278
US-08-584-040-5487
; Sequence 5487, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 5487:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-584-040-5487

Query Match 4.1%; Score 11.8; DB 1; Length 17;
Best Local Similarity 60.0%; Pred. No. 2.3e+02;
Matches 9; Conservative 4; Mismatches 2; Indels 0; Gaps 0;
```

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; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2613:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-584-040-2613

Query Match 4.1%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 2.3e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 859 GGCTCCAGTTGGAAC 873
Db 16 GACTCCAGATGGAAC 2
| ||||| |||||

RESULT 279
US-08-584-040-5487
; Sequence 5487, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 5487:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-584-040-5487

Query Match 4.1%; Score 11.8; DB 1; Length 17;
Best Local Similarity 60.0%; Pred. No. 2.3e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

Matches 9; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

Qy 871 AACACTTCTGTGAGA 885
 ||| ||: ||: ||
 Db 2 AACCCUUUCUGGGA 16

RESULT 279
 US-08-584-040-5488
 ; Sequence 5488, Application US/08584040
 ; Patent No. 6346398
 ; GENERAL INFORMATION:
 ; APPLICANT: Pavco, Pamela
 ; APPLICANT: McSwiggen, James
 ; APPLICANT: Stinchcomb, Dan T.
 ; APPLICANT: Escobedo, Jaime
 ; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
 ; TITL OF INVENTION: TREATMENT OF DISEASES OR
 ; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
 ; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
 ; TITLE OF INVENTION: GROWTH FACTOR
 ; NUMBER OF SEQUENCES: 8502
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Lyon & Lyon
 ; STREET: 633 West Fifth Street
 ; STREET: Suite 4700
 ; CITY: Los Angeles
 ; STATE: California
 ; COUNTRY: U.S.A.
 ; ZIP: 90071-2066
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 ; MEDIUM TYPE: storage
 ; COMPUTER: IBM Compatible
 ; OPERATING SYSTEM: IBM P.C. DOS 5.0
 ; SOFTWARE: Word Perfect 5.1
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/584,040
 ; FILING DATE: January 11, 1996
 ; CLASSIFICATION: 514
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 60/005,974
 ; FILING DATE: October 26, 1995
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Warburg, Richard J.
 ; REGISTRATION NUMBER: 32,327
 ; REFERENCE/DOCKET NUMBER: 218/064
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (213) 489-1600
 ; TELEFAX: (213) 955-0440
 ; TELEX: 67-3510
 ; INFORMATION FOR SEQ ID NO: 5488:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 17 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; US-08-584-040-5488

Query Match 4.1%; Score 11.8; DB 1; Length 17;
 Best Local Similarity 60.0%; Pred. No. 2.3e+02;
 Matches 9; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

Qy 871 AACACTTCTGTGAGA 885
 ||| ||: ||: ||
 Db 1 AACCCUUUCUGGGA 15

RESULT 280
 US-08-584-040-5488/c
 ; Sequence 5488, Application US/08584040
 ; Patent No. 6346398
 ; GENERAL INFORMATION:

; APPLICANT: Pavco, Pamela
 ; APPLICANT: McSwiggen, James
 ; APPLICANT: Stinchcomb, Dan T.
 ; APPLICANT: Escobedo, Jaime
 ; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
 ; TITL OF INVENTION: TREATMENT OF DISEASES OR
 ; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
 ; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
 ; TITLE OF INVENTION: GROWTH FACTOR
 ; NUMBER OF SEQUENCES: 8502
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Lyon & Lyon
 ; STREET: 633 West Fifth Street
 ; STREET: Suite 4700
 ; CITY: Los Angeles
 ; STATE: California
 ; COUNTRY: U.S.A.
 ; ZIP: 90071-2066
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 ; MEDIUM TYPE: storage
 ; COMPUTER: IBM Compatible
 ; OPERATING SYSTEM: IBM P.C. DOS 5.0
 ; SOFTWARE: Word Perfect 5.1
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/584,040
 ; FILING DATE: January 11, 1996
 ; CLASSIFICATION: 514
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 60/005,974
 ; FILING DATE: October 26, 1995
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Warburg, Richard J.
 ; REGISTRATION NUMBER: 32,327
 ; REFERENCE/DOCKET NUMBER: 218/064
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (213) 489-1600
 ; TELEFAX: (213) 955-0440
 ; TELEX: 67-3510
 ; INFORMATION FOR SEQ ID NO: 5488:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 17 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; US-08-584-040-5488

Query Match 4.1%; Score 11.8; DB 1; Length 17;
 Best Local Similarity 86.7%; Pred. No. 2.3e+02;
 Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 710 AGTCCAGGAGAGTG 724
 ||| ||: ||: ||
 Db 17 AGTCCAGGAGAGGG 3

RESULT 281
 US-08-584-040-5781/c
 ; Sequence 5781, Application US/08584040
 ; Patent No. 6346398
 ; GENERAL INFORMATION:
 ; APPLICANT: Pavco, Pamela
 ; APPLICANT: McSwiggen, James
 ; APPLICANT: Stinchcomb, Dan T.
 ; APPLICANT: Escobedo, Jaime
 ; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
 ; TITL OF INVENTION: TREATMENT OF DISEASES OR
 ; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
 ; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
 ; TITLE OF INVENTION: GROWTH FACTOR
 ; NUMBER OF SEQUENCES: 8502
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Lyon & Lyon

STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 5781:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-584-040-5781

Query Match 4.1%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 2.3e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 791 TGGTCCCAAGAGCTC 805
DB 16 TGATGCCAAGAAGCT 2

RESULT 282
US-09-679-427-14
Sequence 14, Application US/09679427
Patent No. 6479301
GENERAL INFORMATION:
APPLICANT: William J. Balch
APPLICANT: Michael E. Hogan
TITLE OF INVENTION: Multiplexed molecular analysis apparatus
FILE REFERENCE: 07762-00203
CURRENT APPLICATION NUMBER: US/09/679,427
CURRENT FILING DATE: 2000-10-02
PRIOR APPLICATION NUMBER: 09/218,979
PRIOR FILING DATE: 1998-12-22
PRIOR APPLICATION NUMBER: 09/002,170
PRIOR FILING DATE: 1997-12-31
NUMBER OF SEQ ID NOS: 32
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 14
LENGTH: 17
TYPE: DNA
ORGANISM: homo sapien
US-09-679-427-14

Query Match 4.1%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 2.3e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 774 TCTGAGGGCAGCC 788
DB 16 TCTGAGGGCAGCC 16

Db 2 TCTGAGGGCAACCTC 16

RESULT 283

US-09-371-772B-934
Sequence 934, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
FILE REFERENCE: MBH00,876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: Patentin version 3.0
SEQ ID NO 934
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-371-772B-934

Query Match 4.1%; Score 11.8; DB 1; Length 17;
Best Local Similarity 66.7%; Pred. No. 2.3e+02;
Matches 10; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 861 CTCACAGTTGGAACAC 875
DB 2 CUCACAGUUGGACUC 16

RESULT 284

US-09-371-772B-1126
Sequence 1126, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
FILE REFERENCE: MBH00,876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: Patentin version 3.0
SEQ ID NO 1126
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-371-772B-1126

Query Match 4.1%; Score 11.8; DB 1; Length 17;
Best Local Similarity 60.0%; Pred. No. 2.3e+02;
Matches 9; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 809 TCCAACCTCAGGTTG 823
DB 2 UCAAAACUCAGGUTUG 16

RESULT 285

US-09-371-772B-1137/C
; Sequence 1137, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re-
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1137
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-1137

RESULT 286

US-09-371-772B-2378
 ; Sequence 2378, Application US/09371772B
 ; Patent No. 6566127
 ; GENERAL INFORMATION:
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.
 ; APPLICANT: Pavco, Pam
 ; APPLICANT: McSwiggen, Jim
 ; APPLICANT: Stinchcomb, Dan
 ; APPLICANT: Racobedo, Jaime
 ; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
 ; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
 ; FILE REFERENCE: MBH800.876-J (237/198)
 ; CURRENT APPLICATION NUMBER: US/09/371,772B
 ; CURRENT FILING DATE: 1999-08-10
 ; PRIOR APPLICATION NUMBER: US 60/005,974
 ; PRIOR FILING DATE: 1995-10-26
 ; PRIOR APPLICATION NUMBER: US 08/584,040
 ; PRIOR FILING DATE: 1996-01-08
 ; NUMBER OF SEQ ID NOS: 14225
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 2378
 ; LENGTH: 17
 ; TYPE: RNA
 ; ORGANISM: Mus sp.
 ; US-09-371-772B-2378

RESULT 287

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US-09-371-772B-2379
; Sequence 2379, Application US/09371772B
; Patent No. 6586127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 2379
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-2379

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RESULT 288

```

US-09-371-772B-2379/G
; Sequence 2379, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 2379
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-2379

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Query Match 4.18: Score 11.8: DB 1: Length 17;

RESULT 289

US-09-371-772B-2648/c
; Sequence 2648, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBH00.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2648
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-2648

Query Match 4.1%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 2.3e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 791 TGGTCCCAAGAGCTC 805
||| ||||| |||||
DB 16 TGATGCCAAGAACTC 2

RESULT 290

US-09-371-772B-5468
; Sequence 5468, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBH00.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5468
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-5468

Query Match 4.1%; Score 11.8; DB 1; Length 17;
Best Local Similarity 60.0%; Pred. No. 2.3e+02;
Matches 9; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 809 TCCAACTCAGGGTGTG 823
: ||||| :|||
DB 1 UCARACUCAGGUUG 15

RESULT 291

US-09-371-772B-5479/c
; Sequence 5479, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBH00.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5479
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-5479

Query Match 4.1%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 2.3e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 859 GGCTCCAGTTGGAAC 873
||| ||||| |||||
DB 15 GACTCCAGATGGAAC 1

RESULT 292

US-09-401-063-35
; Sequence 35, Application US/09401063
; Patent No. 6623962
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OP DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; TITLE OF INVENTION: FACTOR RECEPTORS
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: Storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/401,063
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/985,162
; FILING DATE: 04 December 1997
; APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.

```

; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 35:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-401-063-35

Query Match
Best Local Similarity 4.1%; Score 11.8; DB 1; Length 17;
Matches 11; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 929 CACCTCCAGAGAA 943
Db 3 CAGCCUCCAGAGAU 17

RESULT 293
US-09-401-063-337
; Sequence 337, Application US/09401063
; Patent No. 6623962
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; TITLE OF INVENTION: FACTOR RECEPTORS
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/401,063
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/985,162
; FILING DATE: 04 December 1997
; APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 337:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear

```

```

US-09-401-063-337

Query Match
Best Local Similarity 4.1%; Score 11.8; DB 1; Length 17;
Matches 10; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 800 GAGCTCTCTCCCAAC 814
Db 2 GAGAUCCUCCCAUC 16

RESULT 294
US-09-747-391-38
; Sequence 38, Application US/09747391
; Patent No. 6670124
; GENERAL INFORMATION:
; APPLICANT: Chow, Robert
; APPLICANT: Tonai, Richard
; APPLICANT: StemCyte, Inc.
; TITLE OF INVENTION: High Throughput Methods of HLA Typing
; FILE REFERENCE: 020035-000210US
; CURRENT APPLICATION NUMBER: US/09/747,391
; CURRENT FILING DATE: 2001-07-13
; PRIOR APPLICATION NUMBER: US 60/172,768
; PRIOR FILING DATE: 1999-12-20
; NUMBER OF SEQ ID NOS: 278
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 38
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-747-391-38

Query Match
Best Local Similarity 4.1%; Score 11.8; DB 1; Length 17;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 705 CAGCGAGTCCGAGGA 719
Db 2 CCGCGAGTCCGAGGA 16

RESULT 295
US-09-866-108A-706
; Sequence 706, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665

```

RESULT 298
US-09-866-108A-6095
; Sequence 6095, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yizhong
; APPLICANT: PENN, Sharton G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensteng
; APPLICANT: SHANNON, Mark

Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 781 GCAGCCCTCTGGTG 795
| | | | | | | | | |
Db 2 GCAGCCCTCCAGTG 16

RESULT 301
US-09-866-108A-6103
; Sequence 6103, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 6103
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-6103

Query Match 4.1%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 2.3e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 781 GCAGCCCTCTGGTG 795
| | | | | | | | | |
Db 1 GCAGCCCTCCAGTG 15

RESULT 302
US-09-866-108A-6512
; Sequence 6512, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng

; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 6512
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-6512

Query Match 4.1%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 2.3e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 918 ATCATCACCACCACC 932
| | | | | | | | | |
Db 3 ATCTCCACCACCACC 17

RESULT 303
US-09-866-108A-6513
; Sequence 6513, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669

```

; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 6514
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-6513

Query Match 4.1%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 2.3e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 918 ATCATCACCACCACC 932
DB 2 ATCTCCACCACCACC 16

RESULT 304
US-09-866-108A-6514
; Sequence 6514, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 6514
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-6514

Query Match 4.1%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 2.3e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

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Best Local Similarity 86.7%; Pred. No. 2.2e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 918 ATCATCACCACCACC 932
DB 1 ATCTCCACCACCACC 15

RESULT 305
US-09-866-108A-7662/c
; Sequence 7662, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7662
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-7662

Query Match 4.1%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 2.3e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 808 CTCCAACTCAGGTT 822
DB 17 CTCGAGTCATGTT 3

RESULT 306
US-09-866-108A-7663/c
; Sequence 7663, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.

```



```

; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US 09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7663
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-7663

Query Match 4.1%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 2.3e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 808 CTCCACTCAGGTT 822
Db 16 CTCACGCTCATGTT 2

RESULT 307
US-09-866-108A-8906
; Sequence 8906, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US 09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8907
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8907

Query Match 4.1%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 2.3e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 708 CGAGTCCCGAGGAG 722
Db 3 CGAGTCCCGAGGAG 17

RESULT 308
US-09-866-108A-8907
; Sequence 8907, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US 09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8907
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8907
```

Query Match 4.1%; Score 11.8; DB 1; Length 17;
 Best Local Similarity 86.7%; Pred. No. 2.3e+02;
 Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 708 CGAGTCCCGAGAG 722
 |||||
 Db 2 CGAGTCCCGAGCG 16

RESULT 309

US-08-336-132-19/c
 ; Sequence 19, Application US/08336132
 ; Patent No. 5693508
 ; GENERAL INFORMATION:
 ; APPLICANT: CHANG, LUNG-JI
 ; TITLE OF INVENTION: RETROVIRAL VECTORS
 ; NUMBER OF SEQUENCES: 27
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: HAVERSTOCK, MEDLEN & CARROLL
 ; STREET: 220 MONTGOMERY STREET, SUITE 2200
 ; CITY: SAN FRANCISCO
 ; STATE: CALIFORNIA
 ; COUNTRY: UNITED STATES OF AMERICA
 ; ZIP: 94104

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patent In Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/336,132
 FILING DATE: 07-NOV-1994
 CLASSIFICATION: 424
 ATTORNEY/AGENT INFORMATION:
 NAME: CARROLL, PETER G.
 REGISTRATION NUMBER: 32,837
 REFERENCE/DOCKET NUMBER: CHANG-00817
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (415) 705-8410
 TELEFAX: (415) 397-8338
 INFORMATION FOR SEQ ID NO: 19:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 18 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: DNA (genomic)
 US-08-336-132-19

Query Match 4.1%; Score 11.8; DB 1; Length 18;
 Best Local Similarity 86.7%; Pred. No. 2.5e+02;
 Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 854 GTCTGGCTCCAGTT 868
 |||||
 Db 15 GTCCAGGCTCTAGTT 1

RESULT 310

US-08-363-240A-1236
 ; Sequence 1236, Application US/08363240A
 ; Patent No. 5705388
 ; GENERAL INFORMATION:
 ; APPLICANT: Couture, Larry
 ; APPLICANT: McSwiggen, James
 ; APPLICANT: Bisgaler, Charles
 ; APPLICANT: Pope, Michael

TITLE OF INVENTION: METHOD AND REAGENT FOR
 TITLE OF INVENTION: PREVENTION, INHIBITION OF
 TITLE OF INVENTION: PROGRESSION AND REGRESSION
 TITLE OF INVENTION: OF VASCULAR DISEASES
 NUMBER OF SEQUENCES: 1243
 CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon
 STREET: 633 West Fifth Street
 STREET: Suite 4700
 CITY: Los Angeles
 STATE: California
 COUNTRY: U.S.A.
 ZIP: 90071
 COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 MEDIUM TYPE: storage
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: IBM P.C. DOS 5.0
 SOFTWARE: Word Perfect 5.1
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/363,240A
 FILING DATE: December 23, 1994
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER:
 FILING DATE:

ATTORNEY/AGENT INFORMATION:
 NAME: Warburg, Richard
 REGISTRATION NUMBER: 32,327
 REFERENCE/DOCKET NUMBER: 210/096
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (213) 489-1600
 TELEFAX: (213) 955-0440
 TELEX: 67-3510
 INFORMATION FOR SEQ ID NO: 1236:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 18 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 US-08-363-240A-1236

Query Match 4.1%; Score 11.8; DB 1; Length 18;
 Best Local Similarity 40.0%; Pred. No. 2.5e+02;
 Matches 6; Conservative 7; Mismatches 2; Indels 0; Gaps 0;

QY 822 TGGGTGTGTCTTT 836
 :|||:|:|:
 Db 3 UGGCUGUCUCUCU 17

RESULT 311

US-08-963-933-6/c
 ; Sequence 6, Application US/08963933
 ; Patent No. 5837469
 ; GENERAL INFORMATION:

APPLICANT: Harris, James M.
 TITLE OF INVENTION: Assay for Chlamydia Trachomatis by
 TITLE OF INVENTION: Amplification and Detection of Chlamydia Trachomatis
 TITLE OF INVENTION: Nucleic Acid
 NUMBER OF SEQUENCES: 14
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Richard J. Rodrick - Becton, Dickinson and
 ADDRESSEE: Company
 STREET: 1 Becton Drive
 CITY: Franklin Lakes
 STATE: NJ
 COUNTRY: USA
 ZIP: 07417
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patent In Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/963,933
 FILING DATE:
 CLASSIFICATION: 435
 ATTORNEY/AGENT INFORMATION:
 NAME: Hignet, David W.

REGISTRATION NUMBER: 30,265
REFERENCE/DOCKET NUMBER: P-3897
TELECOMMUNICATION INFORMATION:
TELEPHONE: (201) 847-5317
TELEFAX: (201) 848-9228
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-963-933-6

Query Match 4.1%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 2.5e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 878 TCTGAGATGCACCTT 892
| | | | | | | | | | | | | | | | | |
DB 16 TACAGAGATGCACCTT 2

RESULT 312
US-09-205-860-21/c
Sequence 21, Application US/09205860
Patent No. 5981732
GENERAL INFORMATION:
APPLICANT: Lex M. Cowser
TITLE OF INVENTION: ANTISENSE MODULATION OF G-ALPHA-13 EXPRESSION
FILE REFERENCE: RTS-0031
CURRENT APPLICATION NUMBER: US/09/205,860
CURRENT FILING DATE: 1998-12-04
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 21
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-205-860-21

Query Match 4.1%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 2.5e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 707 GCGAGTCCCGAGGAGA 721
| | | | | | | | | | | | | | | | | |
DB 17 GCAAGTCCAAGGAGA 3

RESULT 313
US-09-156-807-46/c
Sequence 46, Application US/09156807
Patent No. 6030786
GENERAL INFORMATION:
APPLICANT: Cowser, Lex M.
TITLE OF INVENTION: ANTISENSE MODULATION OF RHOc EXPRESSION
FILE REFERENCE: RTS-0014
CURRENT APPLICATION NUMBER: US/09/156,807
CURRENT FILING DATE: 1998-09-18
NUMBER OF SEQ ID NOS: 47
SEQ ID NO 46
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-156-807-46

Query Match 4.1%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 2.5e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 744 GTAGGTCCCGAGGT 758
| | | | | | | | | | | | | | | | | |
DB 15 GTAGGACCCAGAGT 1

RESULT 314
US-09-256-465-37
Sequence 37, Application US/09256465
Patent No. 6043090
GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Lex M. Cowser
TITLE OF INVENTION: ANTISENSE MODULATION OF AKT-2 EXPRESSION
FILE REFERENCE: RTS-0035
CURRENT APPLICATION NUMBER: US/09/256,465
CURRENT FILING DATE: 1999-02-23
NUMBER OF SEQ ID NOS: 47
SEQ ID NO 37
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-256-465-37

Query Match 4.1%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 2.5e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 837 TCTTCTCTGAAGACA 851
| | | | | | | | | | | | | | | | | |
DB 2 TCTTCTGTGAGACA 16

RESULT 315
US-08-485-942A-75
Sequence 75, Application US/08485942A
Patent No. 6048937
GENERAL INFORMATION:
APPLICANT: JEFFREY M. FRIEDMAN, YIYING ZHANG, RICARDO PROENCA,
APPLICANT: MARGHERITA MAFFEI, JEFFREY HALAAS, KETAN GAJIWALA, AND STEPHEN K. BURLE
TITLE OF INVENTION: CB POLYPEPTIDE AS MODULATORS OF BODY WEIGHT (AS
TITLE OF INVENTION: AMENDED)
NUMBER OF SEQUENCES: 99
CORRESPONDENCE ADDRESS:
ADDRESSEE: Klauber & Jackson
STREET: 411 Hackensack Avenue
CITY: Hackensack
STATE: New Jersey
COUNTRY: USA
ZIP: 07601
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/485,942A
FILING DATE: JUNE 7, 1995
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/438,431
FILING DATE: May 10, 1995
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/347,563
FILING DATE: No. 6048937ember 30, 1994
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/292,345
FILING DATE: August 17, 1994
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:

```

; NAME: Jackson Esq., David A.
; REGISTRATION NUMBER: 26,742
; REFERENCE/DOCKET NUMBER: 600-1-087 CIP 2F
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 201 487-5800
; TELEFAX: 201 343-1684
; TELEX: 133521
; INFORMATION FOR SEQ ID NO: 75:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (primer)
; DESCRIPTION: sequence tagged-site specific PCR primer sWS2367
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Human
; US-08-485-942A-75

Query Match 4.1%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 2.5e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 855 TCCTGGCTCCAGTTG 869
|||||
DB 4 TCCTGGCTTCATTG 18

RESULT 316
US-09-199-859-46/c
; Sequence 46, Application US/09199859
; Patent No. 6069008
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF NF-KAPPA-B P65 SUBUNIT EXPRESSION
; FILE REFERENCE: RTS-0025
; CURRENT APPLICATION NUMBER: US/09/199,859
; CURRENT FILING DATE: 1998-11-25
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 46
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
; US-09-199-859-46

Query Match 4.1%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 2.5e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 798 AAGAGCTCTCCTCCA 812
|||||
DB 16 AAGACTTCTCCTCCA 2

RESULT 317
US-09-280-409-112/c
; Sequence 112, Application US/09280409
; Patent No. 6107092
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowsett
; APPLICANT: C. Frank Bennett
; APPLICANT: Bert W. O'Malley
; TITLE OF INVENTION: ANTISENSE MODULATION OF SRA EXPRESSION
; FILE REFERENCE: RTS-0048
; CURRENT APPLICATION NUMBER: US/09/280,409
; CURRENT FILING DATE: 1999-03-29
; NUMBER OF SEQ ID NOS: 146

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; SEQ ID NO 112
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
; US-09-280-409-112

Query Match 4.1%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 2.5e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 783 AGCCCTCTGGTGCC 797
|||||
DB 15 AGTCCCTCTGGTGTC 1

RESULT 318
US-09-289-466-71
; Sequence 71, Application US/09289466A
; Patent No. 6124272
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF PDK-1 EXPRESSION
; FILE REFERENCE: RTS-0060
; CURRENT APPLICATION NUMBER: US/09/289,466A
; CURRENT FILING DATE: 1999-04-09
; NUMBER OF SEQ ID NOS: 86
; SEQ ID NO 71
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
; US-09-289-466-71

Query Match 4.1%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 2.5e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 790 CTGGTGCCAGAGCT 804
|||||
DB 3 CTGGTGCCAGAGGTT 17

RESULT 319
US-08-488-214A-75
; Sequence 75, Application US/08488214A
; Patent No. 6124439
; GENERAL INFORMATION:
; APPLICANT: JEFFREY M. FRIEDMAN, YIYING ZHANG, RICARDO PROENCA, AND STEPHEN K. BURLEY
; APPLICANT: MARGHERITA MAPPEL, JEFFREY HALAAS, KETAN GAJIWALA, AND METHOD OF MAKING
; TITLE OF INVENTION: OB POLYPEPTIDE ANTIBODIES AND METHOD OF MAKING
; TITLE OF INVENTION: (AS AMENDED)
; NUMBER OF SEQUENCES: 99
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Klauber & Jackson
; STREET: 411 Hackensack Avenue
; CITY: Hackensack
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07601
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/488,214A
; FILING DATE: JUNE 7, 1995
; CLASSIFICATION:
; PRIOR APPLICATION DATA:

```

APPLICATION NUMBER: 08/438,431
FILING DATE: May 10, 1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/347,563
FILING DATE: No. 6124439ember 30, 1994
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/292,345
FILING DATE: August 17, 1994
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Jackson Esq., David A.
REGISTRATION NUMBER: 26,742
REFERENCE/DOCKET NUMBER: 600-1-087 CIP 2D
TELEPHONE: 201 487-5800
TELEFAX: 201 343-1684
TELEX: 133521
INFORMATION FOR SEQ ID NO: 75:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (primer)
DESCRIPTION: sequence tagged-site specific PCR primer swSS2367
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE: Human
ORGANISM: Human
US-08-488-214A-75

Query Match 4.1%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 2.5e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 855 TCCTGGCTCCAGTTG 869
|||||||
Db 4 TCCTGGCTTCATTG 18

RESULT 320
US-08-488-208A-75
Sequence 75, Application US/08488208A
Patent No. 6124448
GENERAL INFORMATION:
APPLICANT: THE ROCKEFELLER UNIVERSITY
TITLE OF INVENTION: MODULATORS OF BODY WEIGHT, CORRESPONDING
TITLE OF INVENTION: NUCLEIC ACIDS AND PROTEINS, AND DIAGNOSTIC AND THERAPEUTIC
TITLE OF INVENTION: US\$ THEREOF
NUMBER OF SEQUENCES: 98
CORRESPONDENCE ADDRESS:
ADDRESSEE: Klauber & Jackson
STREET: 411 Hackensack Avenue
CITY: Hackensack
STATE: New Jersey
COUNTRY: USA
ZIP: 07601
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/488,208A
FILING DATE: 07-JUN-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/485,943
FILING DATE: June 7, 1995
APPLICATION NUMBER: 08/438,431
FILING DATE: May 10, 1995

CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/347,563
FILING DATE: No. 6124448ember 30, 1994
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/292,345
FILING DATE: August 17, 1994
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Jackson Esq., David A.
REGISTRATION NUMBER: 26,742
REFERENCE/DOCKET NUMBER: 600-1-087 CIP21
TELEPHONE: 201 487-5800
TELEFAX: 201 343-1684
TELEX: 133521
INFORMATION FOR SEQ ID NO: 75:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (primer)
DESCRIPTION: sequence tagged-site specific PCR primer swSS2367
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE: Human
ORGANISM: Human
US-08-488-208A-75

Query Match 4.1%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 2.5e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 855 TCCTGGCTCCAGTTG 869
|||||||
Db 4 TCCTGGCTTCATTG 18

RESULT 321
US-08-961-810-111
Sequence 111, Application US/08961810
Patent No. 6165713
GENERAL INFORMATION:
APPLICANT: Liskay, Robert M.
APPLICANT: Bronner, C. Eric
APPLICANT: Baker, Sean M.
APPLICANT: Bollag, Roni J.
APPLICANT: Kolodner, Richard D.
TITLE OF INVENTION: COMPOSITIONS AND METHODS RELATING TO DNA
TITLE OF INVENTION: MISMATCH REPAIR GENES
NUMBER OF SEQUENCES: 134
CORRESPONDENCE ADDRESS:
ADDRESSEE: Kolisch, Hartwell, Dickinson, McCormack &
ADDRESSEE: Heuser
STREET: 520 S.W. Yamhill Street, Suite 200
CITY: Portland
STATE: Oregon
COUNTRY: U.S.A.
ZIP: 97204
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/961,810
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Van Rysselberghe, Pierre C.
REGISTRATION NUMBER: 33,557

NAME/KEY: misc feature

```

1 / APPLICATION NUMBER: US/08/584,040
2 / FILING DATE: January 11, 1996
3 / CLASSIFICATION: 514
4 / PRIOR APPLICATION DATA:
5 / APPLICATION NUMBER: 60/005,974
6 / FILING DATE: October 26, 1995
7 / ATTORNEY/AGENT INFORMATION:
8 / NAME: Warburg, Richard J.
9 / REGISTRATION NUMBER: 32,327
10 / REFERENCE/DOCKET NUMBER: 218/064
11 / TELECOMMUNICATION INFORMATION:
12 / TELEPHONE: (213) 489-1600
13 / TELEFAX: (213) 955-0440
14 / TELEX: 67-3510
15 / INFORMATION FOR SEQ ID NO: 3059:
16 / SEQUENCE CHARACTERISTICS:
17 / LENGTH: 18 base pairs
18 / TYPE: nucleic acid
19 / STRANDEDNESS: single
20 / TOPOLOGY: linear
21 /
22 / US-08-584-040-3059
23
24 Query Match 4.1%; Score 11.8; DB 1; Length 18;
25 Best Local Similarity 66.7%; Pred. NO. 2.5e+02;
26 Matches 10; Conservative 3; Mismatches 2; Indels 0; Gaps 0;
27
28 QY 861 CTCAGTGGACAC 875
29 |:|:|:|:|:|:|:|
30 Db 3 CUCCAGUGGACUC 17
31
32 RESULT 326
33 US-08-488-223A-75
34 ; Sequence 75, Application US/08488223A
35 ; Patent No. 6350730
36 ; GENERAL INFORMATION:
37 ; APPLICANT: THE ROCKEFELLER UNIVERSITY
38 ; TITLE OF INVENTION: MODULATORS OF BODY WEIGHT, CORRESPONDING NUCLEIC
39 ; ACIDS AND PROTEINS, AND DIAGNOSTIC AND THERAPEUTIC
40 ;
41 ; NUMBER OF SEQUENCES: 98
42 ; CORRESPONDENCE ADDRESS:
43 ; ADDRESSEE: Klauber & Jackson
44 ; STREET: 411 Hackensack Avenue
45 ; CITY: Hackensack
46 ; STATE: New Jersey
47 ; COUNTRY: USA
48 ; ZIP: 07601
49 ;
50 ; COMPUTER READABLE FORM:
51 ; MEDIUM TYPE: Floppy disk
52 ; COMPUTER: IBM PC compatible
53 ; OPERATING SYSTEM: PC-DOS/MS-DOS
54 ; SOFTWARE: Patentin Release #1.0, Version #1.25
55 ; CURRENT APPLICATION DATA:
56 ; APPLICATION NUMBER: US/08/488,223A
57 ; FILING DATE: 07-Jun-1995
58 ; CLASSIFICATION: <Unknown>
59 ;
60 ; PRIOR APPLICATION DATA:
61 ; APPLICATION NUMBER: 08/485,943
62 ; FILING DATE: <Unknown>
63 ; APPLICATION NUMBER: 08/347,563
64 ; FILING DATE: No. 6350730ember 30, 1994
65 ; APPLICATION NUMBER: 08/292,345
66 ; FILING DATE: August 17, 1994
67 ; ATTORNEY/AGENT INFORMATION:
68 ; NAME: Jackson Esq., David A.
69 ; REGISTRATION NUMBER: 26,742
70 ; REFERENCE/DOCKET NUMBER: 600-1-087 CIP21
71 ; TELECOMMUNICATION INFORMATION:
72 ; TELEPHONE: 201 487-5800
73 ; TELEFAX: 201 343-1684
74 ; TELEX: 133521
75 ;
76 ; INFORMATION FOR SEQ ID NO: 75:
77 ; SEQUENCE CHARACTERISTICS:

```

```

; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (primer)
; DESCRIPTION: sequence tagged-site specific PCR primer sws2367
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Human
; SEQUENCE DESCRIPTION: SEQ ID NO: 75:
US-08-488-223A-75
    Query Match          4.1%; Score 11.8; DB 1; Length 18;
    Best Local Similarity 86.7%; Pred. No. 2.5e+02;
    Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 855 TCCTGGCTCCAGTTG 869
Db 4 TCCTGGCTTCATTG 18

RESULT 327
US-09-294-531B-7
; Sequence 7, Application US/09294531B
; Patent No. 6372889
; GENERAL INFORMATION:
; APPLICANT: Sheppard, Paul O.
; APPLICANT: Conklin, Darrell C.
; APPLICANT: Farrah, Theresa M.
; APPLICANT: Mauer, Mark F.
; APPLICANT: Groseman, Angelika
; TITLE OF INVENTION: SOLUBLE PROTEIN ZTMPO-1
; FILE REFERENCE: 97-67
; CURRENT APPLICATION NUMBER: US/09/294,531B
; CURRENT FILING DATE: 1999-04-19
; PRIOR APPLICATION NUMBER: 60/082,513
; PRIOR FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 35
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 7
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide ZC15486
US-09-294-531B-7

    Query Match          4.1%; Score 11.8; DB 1; Length 18;
    Best Local Similarity 86.7%; Pred. No. 2.5e+02;
    Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 853 CGTCCTGGCTCCAGT 867
Db 1 CCTCCTTGCTCCAGT 15

RESULT 328
US-09-099-053-10/c
; Sequence 10, Application US/09099053
; Patent No. 6388063
; GENERAL INFORMATION:
; APPLICANT: Greg Plowman
; APPLICANT: Susan Onrust
; APPLICANT: David Markby
; APPLICANT: Sara Courtneidge
; TITLE OF INVENTION: DIAGNOSIS AND TREATMENT OF
; TITLE OF INVENTION: SAD RELATED DISORDERS
; NUMBER OF SEQUENCES: 28
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700

; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (primer)
; DESCRIPTION: sequence tagged-site specific PCR primer sws2367
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Human
; SEQUENCE DESCRIPTION: SEQ ID NO: 75:
US-08-488-223A-75
    Query Match          4.1%; Score 11.8; DB 1; Length 18;
    Best Local Similarity 86.7%; Pred. No. 2.5e+02;
    Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 855 TCCTGGCTCCAGTTG 869
Db 4 TCCTGGCTTCATTG 18

RESULT 327
US-09-294-531B-7
; Sequence 7, Application US/09294531B
; Patent No. 6372889
; GENERAL INFORMATION:
; APPLICANT: Sheppard, Paul O.
; APPLICANT: Conklin, Darrell C.
; APPLICANT: Farrah, Theresa M.
; APPLICANT: Mauer, Mark F.
; APPLICANT: Groseman, Angelika
; TITLE OF INVENTION: SOLUBLE PROTEIN ZTMPO-1
; FILE REFERENCE: 97-67
; CURRENT APPLICATION NUMBER: US/09/294,531B
; CURRENT FILING DATE: 1999-04-19
; PRIOR APPLICATION NUMBER: 60/082,513
; PRIOR FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 35
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 7
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide ZC15486
US-09-294-531B-7

    Query Match          4.1%; Score 11.8; DB 1; Length 18;
    Best Local Similarity 86.7%; Pred. No. 2.5e+02;
    Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 853 CGTCCTGGCTCCAGT 867
Db 1 CCTCCTTGCTCCAGT 15

RESULT 328
US-09-099-053-10/c
; Sequence 10, Application US/09099053
; Patent No. 6388063
; GENERAL INFORMATION:
; APPLICANT: Greg Plowman
; APPLICANT: Susan Onrust
; APPLICANT: David Markby
; APPLICANT: Sara Courtneidge
; TITLE OF INVENTION: DIAGNOSIS AND TREATMENT OF
; TITLE OF INVENTION: SAD RELATED DISORDERS
; NUMBER OF SEQUENCES: 28
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700

; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/099,053
; FILING DATE: Herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/049,914
; FILING DATE: June 18, 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Watburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 235/121
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-099-053-10

    Query Match          4.1%; Score 11.8; DB 1; Length 18;
    Best Local Similarity 86.7%; Pred. No. 2.5e+02;
    Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 775 CTGAGGCGACGCCCT 789
Db 18 CTGATGCGACGCCCT 4

RESULT 329
US-09-387-341-148/c
; Sequence 148, Application US/09387341
; Patent No. 6410323
; GENERAL INFORMATION:
; APPLICANT: Roberts, M. Luisa
; APPLICANT: Cowser, Lex M.
; TITLE OF INVENTION: Antisense Modulation of Human Rho Family Gene
; TITLE OF INVENTION: Expression
; FILE REFERENCE: ISPH-0404
; CURRENT APPLICATION NUMBER: US/09/387,341
; CURRENT FILING DATE: 1999-08-31
; EARLIER APPLICATION NUMBER: 09/156,424
; EARLIER FILING DATE: 1998-09-18
; EARLIER APPLICATION NUMBER: 09/156,979
; EARLIER FILING DATE: 1998-09-18
; EARLIER APPLICATION NUMBER: 09/156,807
; EARLIER FILING DATE: 1998-09-18
; EARLIER APPLICATION NUMBER: 09/161,015
; EARLIER FILING DATE: 1998-09-25
; NUMBER OF SEQ ID NOS: 233
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 148
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-387-341-148

    Query Match          4.1%; Score 11.8; DB 1; Length 18;
```


Best Local Similarity 86.7%; Pred. No. 2.5e+02; Indels 0; Gaps 0;
Matches 13; Conservative 0; Mismatches 2;

QY 744 GTAGGTCCTCCAGGT 758
Db 15 GTAGGACCCAGGT 1

RESULT 330

US-08-438-431A-75
; Sequence 75, Application US/08438431A
; Patent No. 6429290
; GENERAL INFORMATION:
; APPLICANT: JEFFREY M. FRIEDMAN, YIYING ZHANG, RICARDO PROENCA, MARGHERITA MAFFEI,
; TITLE OF INVENTION: MODULATORS OF BODY WEIGHT, CORRESPONDING NUCLEIC ACIDS AND PR
; NUMBER OF SEQUENCES: 99
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Klauber & Jackson
; STREET: 411 Hackensack Avenue
; CITY: Hackensack
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07601

; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC Compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/438,431A
; FILING DATE: May 10, 1995
; CLASSIFICATION: 514

; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/347,563
; FILING DATE: No. 6429290ember 30, 1994
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/292,345
; FILING DATE: August 17, 1994
; CLASSIFICATION: 514

; ATTORNEY/AGENT INFORMATION:
; NAME: Jackson Esq., David A.
; REGISTRATION NUMBER: 26,742
; REFERENCE/DOCKET NUMBER: 600-1-087 CIP1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 201 487-5800
; TELEFAX: 201 343-1684
; TELEX: 133521

; INFORMATION FOR SEQ ID NO: 75:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear

; MOLECULE TYPE: DNA (primer)
; DESCRIPTION: sequence tagged-site specific PCR primer sWSS2367
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Human
; US-08-438-431A-75

Query Match 4.1%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 2.5e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 855 TCCTGGCTCCAGTTG 869
Db 4 TCCTGGCTTCATTG 18

RESULT 331

US-08-614-151-51

; Sequence 51, Application US/08614151
; Patent No. 6436635
; GENERAL INFORMATION:
; APPLICANT: FU, Dong-Jing
; APPLICANT: CANTOR, Charles R.
; APPLICANT: KOSTER, Hubert
; APPLICANT: SMITH, Cassandra L.
; TITLE OF INVENTION: SOLID PHASE SEQUENCING OF DOUBLE-STRANDED NUCLEIC ACID
; NUMBER OF SEQUENCES: 53
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BAKER & BOTTS, L.L.P.
; STREET: 1299 Pennsylvania Avenue, N.W.
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20004-2400

; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/614,151
; FILING DATE: 12-MAR-1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/420,009
; FILING DATE: 11-APR-1995
; APPLICATION NUMBER: 08/110,691
; FILING DATE: 23-AUG-1993
; APPLICATION NUMBER: 07/972,012
; FILING DATE: 06-NOV-1992

; ATTORNEY/AGENT INFORMATION:
; NAME: Remenick, James
; REGISTRATION NUMBER: 36,902
; REFERENCE/DOCKET NUMBER: 16865-0276
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-639-7700
; TELEFAX: 202-639-7890
; TELEX:

; INFORMATION FOR SEQ ID NO: 51:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE:
; ORIGINAL SOURCE:
; US-08-614-151-51

Query Match 4.1%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 2.5e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 750 TCCAGGTCCTCCTAG 764
Db 2 TACTAGGTCCTCCTAG 16

RESULT 332

US-08-488-225A-75
; Sequence 75, Application US/08488225A
; Patent No. 6471956
; GENERAL INFORMATION:
; APPLICANT: THE ROCKEFELLER UNIVERSITY
; TITLE OF INVENTION: MODULATORS OF BODY WEIGHT, CORRESPONDING
; NUCLEIC ACIDS AND PROTEINS, AND DIAGNOSTIC AND THERAPEUTIC USE
; NUMBER OF SEQUENCES: 98
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Klauber & Jackson

; GENERAL INFORMATION:
; APPLICANT: THE ROCKEFELLER UNIVERSITY
; TITLE OF INVENTION: MODULATORS OF BODY WEIGHT, CORRESPONDING
; NUCLEIC ACIDS AND PROTEINS, AND DIAGNOSTIC AND THERAPEUTIC USE
; NUMBER OF SEQUENCES: 98
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Klauber & Jackson

Query Match 4.1%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 2.5e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 750 TCCAGGTCCTCCTAG 764
Db 2 TACTAGGTCCTCCTAG 16

RESULT 332

US-08-488-225A-75
; Sequence 75, Application US/08488225A
; Patent No. 6471956
; GENERAL INFORMATION:
; APPLICANT: THE ROCKEFELLER UNIVERSITY
; TITLE OF INVENTION: MODULATORS OF BODY WEIGHT, CORRESPONDING
; NUCLEIC ACIDS AND PROTEINS, AND DIAGNOSTIC AND THERAPEUTIC USE
; NUMBER OF SEQUENCES: 98
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Klauber & Jackson

; GENERAL INFORMATION:
; APPLICANT: THE ROCKEFELLER UNIVERSITY
; TITLE OF INVENTION: MODULATORS OF BODY WEIGHT, CORRESPONDING
; NUCLEIC ACIDS AND PROTEINS, AND DIAGNOSTIC AND THERAPEUTIC USE
; NUMBER OF SEQUENCES: 98
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Klauber & Jackson

RESULT 331

US-08-614-151-51


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; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 7891
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: downstream amplification primer 99-12526 for SEQ 26, in compleme
US-09-422-978-7891

Query Match          4.1%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 2.5e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      880 CTGAGATGCCTTAC 894
Db      4 CTGAGATGCCTTAC 18

RESULT 336
US-09-422-978-8439
; Sequence 8439, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 8439
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: downstream amplification primer 99-15502 for SEQ 574, in compleme
US-09-422-978-8439

Query Match          4.1%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 2.5e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      734 ATAGGATGGTAGG 748
Db      2 ATAGGATGGTAGG 16

RESULT 337
US-09-265-503B-111
; Sequence 111, Application US/09265503B
; Patent No. 6538108
; GENERAL INFORMATION:
; APPLICANT: Liskay, Robert M.
; APPLICANT: Bromner, C. Eric
; APPLICANT: Baker, Sean M.
; APPLICANT: Bollag, Roni J.
; APPLICANT: Kolodner, Richard D.
```

```
; TITLE OF INVENTION: COMPOSITIONS AND METHODS
; TITLE OF INVENTION: RELATING TO DNA MISMATCH REPAIR GENES
; NUMBER OF SEQUENCES: 148
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Kolisch, Hartwell, Dickinson, McCormack & Heuser
; STREET: 520 S.W. Yamhill Street, Suite 200
; CITY: Portland
; STATE: Oregon
; COUNTRY: U.S.A.
; ZIP: 97204
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA: US/09/265,503B
; APPLICATION NUMBER: US/09/265,503B
; FILING DATE: March 10, 1999
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Van Rysselberghe, Pierre C.
; REGISTRATION NUMBER: 33,557
; REFERENCE/DOCKET NUMBER: OHSU 306D
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (503) 224-6655
; TELEFAX: (503) 295-6679
; TELEX: 360619
; INFORMATION FOR SEQ ID NO: 111:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 1
; OTHER INFORMATION: /note= "primers directed to genomic
US-09-265-503B-111

Query Match          4.1%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 2.5e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      969 TCTCTAAATCTGGTG 983
Db      3 TCTCTAGTTCTGGTG 17

RESULT 338
US-08-780-562-33/c
; Sequence 33, Application US/08780562
; Patent No. 6541604
; GENERAL INFORMATION:
; APPLICANT: Matthews, William
; APPLICANT: Bennett, Brian
; TITLE OF INVENTION: WSX RECEPTOR
; NUMBER OF SEQUENCES: 45
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Genentech, Inc.
; STREET: 460 Point San Bruno Blvd
; CITY: South San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94080
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Winpatin (Genentech)
; CURRENT APPLICATION DATA: US/08/780,562
; FILING DATE:
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CLASSIFICATION: 435
PRIOR APPLICATION DATA: 08/585005
APPLICATION NUMBER: 08/585005
FILING DATE: 01/08/97
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/
FILING DATE: 01/08/97
ATTORNEY/AGENT INFORMATION:
NAME: Lee, Wendy M.
REGISTRATION NUMBER: 40,378
REFERENCE/DOCKET NUMBER: P0986R1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415/225-1994
TELEFAX: 415/952-9881
TELEX: 910/371-7168
INFORMATION FOR SEQ ID NO: 33:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
US-08-780-562-33

Query Match 4.1%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 2.5e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 834 TTTTCTTCTCTGAAG 848
DB 17 TGTACTTCTCTGAAG 3

RESULT 339
US-08-780-562-34
Sequence 34, Application US/08780562
Patent No. 6541604
GENERAL INFORMATION:
APPLICANT: Matthews, William
APPLICANT: Bennett, Brian
TITLE OF INVENTION: WSX RECEPTOR
NUMBER OF SEQUENCES: 45
CORRESPONDENCE ADDRESS:
ADDRESSEE: Genentech, Inc.
STREET: 460 Point San Bruno Blvd
CITY: South San Francisco
STATE: California
COUNTRY: USA
ZIP: 94080
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WinPatIn (Genentech)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/780,562
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/585005
FILING DATE: 01/08/97
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/
FILING DATE: 01/08/97
ATTORNEY/AGENT INFORMATION:
NAME: Lee, Wendy M.
REGISTRATION NUMBER: 40,378
REFERENCE/DOCKET NUMBER: P0986R1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415/225-1994
TELEFAX: 415/952-9881
TELEX: 910/371-7168
INFORMATION FOR SEQ ID NO: 34:
SEQUENCE CHARACTERISTICS:

LENGTH: 18 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
US-08-780-562-34

Query Match 4.1%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 2.5e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 834 TTTTCTTCTCTGAAG 848
DB 2 TGTACTTCTCTGAAG 16

RESULT 340
US-09-371-772B-1487
Sequence 1487, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
FILE REFERENCE: MBHB00,876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1487
LENGTH: 18
TYPE: RNA
ORGANISM: Homo sapiens
US-09-371-772B-1487

Query Match 4.1%; Score 11.8; DB 1; Length 18;
Best Local Similarity 66.7%; Pred. No. 2.5e+02;
Matches 10; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 861 CTCAGTTGGACAC 875
DB 3 CUCCAGUUGGACUC 17

RESULT 341
US-09-533-494A-29/c
Sequence 29, Application US/09533494A
Patent No. 6586581
GENERAL INFORMATION:
APPLICANT: Bancroft, F. Carter
APPLICANT: Fliss, Maikiko
APPLICANT: Taylor, Clelland, Catherine L.
TITLE OF INVENTION: PROLACTIN REGULATORY ELEMENT BINDING
FILE REFERENCE: AP31818 070165.0497
CURRENT APPLICATION NUMBER: US/09/533,494A
CURRENT FILING DATE: 2000-03-23
NUMBER OF SEQ ID NOS: 30
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 29
LENGTH: 18
TYPE: DNA
ORGANISM: Human
US-09-533-494A-29

Query Match 4.1%; Score 11.8; DB 1; Length 18;

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Best Local Similarity 86.7%; Pred. No. 2.5e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 831 CTCCTTTCTCTCTG 845
Db 18 CACATTTCTCTCTG 4

RESULT 342
US-09-856-747-46/c
; Sequence 46, Application US/09856747
; Patent No. 6656688
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowser
; APPLICANT: ISIS PHARMACEUTICALS, INC.
; TITLE OF INVENTION: ANTISENSE MODULATION OF NF-KAPPA-B P65 SUBUNIT EXPRESSION
; FILE REFERENCE: RTSP-0116
; CURRENT APPLICATION NUMBER: US/09/856,747
; PRIOR FILING DATE: 2001-05-24
; PRIOR APPLICATION NUMBER: US 09/199,859
; PRIOR FILING DATE: 1998-11-25
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 46
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
; US-09-856-747-46

Query Match 4.1%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 2.5e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 798 AAGACTTCTCTCCA 812
Db 16 AAGACTTCTCTCCA 2

RESULT 343
PCT-US91-03680-79
; Sequence 79, Application PC/TUS9103680
; GENERAL INFORMATION:
; APPLICANT: Matteucci, Mark D.
; APPLICANT: Krawczyk, Steven
; TITLE OF INVENTION: SEQUENCE-SPECIFIC NONPHOTOACTIVATED
; TITLE OF INVENTION: CROSSLINKING AGENTS WHICH BIND TO THE MAJOR GROOVE OF
; TITLE OF INVENTION: DUPLEX DNA
; NUMBER OF SEQUENCES: 159
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Morrison & Foerster
; STREET: 545 Middlefield Road, Suite 200
; CITY: Menlo Park
; STATE: California
; COUNTRY: USA
; ZIP: 94025
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US91/03680
; FILING DATE: 19910524
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Murashige, Kate H.
; REGISTRATION NUMBER: 29,959
; REFERENCE/DOCKET NUMBER: 4610-0011.40
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-327-7250
```

```
TELEFAX: 415-327-2951
TELEX: 706141
INFORMATION FOR SEQ ID NO: 79:
SEQUENCE CHARACTERISTICS:
LENGTH: 12 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single
TOPOLOGY: linear
FEATURE:
NAME/KEY: modified_base
LOCATION: 1
OTHER INFORMATION: /mod_base= OTHER
OTHER INFORMATION:
FEATURE:
NAME/KEY: modified_base
LOCATION: 3
OTHER INFORMATION: /mod_base= OTHER
OTHER INFORMATION: /note= "5-methylcytosine"
FEATURE:
NAME/KEY: modified_base
LOCATION: 8
OTHER INFORMATION: /mod_base= OTHER
OTHER INFORMATION: /note= "5-methylcytosine"
FEATURE:
NAME/KEY: modified_base
LOCATION: 11
OTHER INFORMATION: /mod_base= OTHER
OTHER INFORMATION: /note= "5-methylcytosine"
PCT-US91-03680-79

Query Match 4.0%; Score 11.6; DB 1; Length 12;
Best Local Similarity 91.7%; Pred. No. 1.3e+02;
Matches 11; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 831 CTCCTTTCTCTCT 842
Db 1 CTCCTTTCTCTCT 12

RESULT 344
US-09-732-199A-37/c
; Sequence 37, Application US/09732199A
; Patent No. 6379960
; GENERAL INFORMATION:
; APPLICANT: Ian Popoff
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF DAMAGE-SPECIFIC DNA BINDING PROTEIN 2, P4
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: RFS-0214
; CURRENT APPLICATION NUMBER: US/09/732,199A
; CURRENT FILING DATE: 2000-12-06
; NUMBER OF SEQ ID NOS: 57
; SEQ ID NO 37
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
; US-09-732-199A-37

Query Match 4.0%; Score 11.6; DB 1; Length 20;
Best Local Similarity 77.8%; Pred. No. 3.4e+02;
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 785 CCCCTCTGTGTCACAGAG 802
Db 20 CTCATCTGGAGCCAGGAG 3

RESULT 345
US-09-732-199A-36/c
; Sequence 36, Application US/09732199A
; Patent No. 6379960
```

GENERAL INFORMATION:
APPLICANT: Ian Popoff
TITLE OF INVENTION: ANTISENSE MODULATION OF DAMAGE-SPECIFIC DNA BINDING PROTEIN 2, P4
FILE REFERENCE: RTS-0214
CURRENT APPLICATION NUMBER: US/09/732,199A
CURRENT FILING DATE: 2000-12-06
NUMBER OF SEQ ID NOS: 57
SEQ ID NO 36
TYPE: DNA
LENGTH: 20
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-732-199A-36
Query Match 4.0%; Score 11.6; DB 1; Length 20;
Best Local Similarity 77.8%; Pred. No. 3.4e+02;
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 785 CCCTCTGGTCCCAAG 802
DB 18 CTCATCTGGAGCCAGG 1
RESULT 346
US-08-110-691A-1
Sequence 1, Application US/08110691A
Patent No. 5795714
GENERAL INFORMATION:
APPLICANT: CANTOR, Charles, R.
APPLICANT: PRZETAKIEWICZ, Mark
TITLE OF INVENTION: A METHOD FOR REPLICATING AN
TITLE OF INVENTION: ARRAY OF NUCLEIC ACID PROBES (as amended)
NUMBER OF SEQUENCES: 48
CORRESPONDENCE ADDRESS:
ADDRESSEE: Baker & Botts, LLP
STREET: 1299 Pennsylvania Avenue, NW
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20004
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FASTSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/110,691A
FILING DATE: 23-AUG-1993
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/972,012
FILING DATE: 06-NOV-1992
ATTORNEY/AGENT INFORMATION:
NAME: Remenick, James
REGISTRATION NUMBER: 36,902
REFERENCE/DOCKET NUMBER: 16865-0124
TELEPHONE: 202-639-7700
TELEFAX: 202-639-7890
TELEX:
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-110-691A-1
Query Match 3.9%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 2.2e+02;
Matches 5; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 792 GGTGCCAAGAGCT 804
DB 3 GGTGCCAAGAGCT 15
RESULT 347
US-08-585-684B-1199
Sequence 1199, Application US/08585684B
Patent No. 5877021
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Daniel T.
APPLICANT: Jarvis, Thale
APPLICANT: McSwiggen, James
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
NUMBER OF SEQUENCES: 2751
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/585,684B
FILING DATE: January 16, 1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/000,951
FILING DATE: July 7, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/078
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1199:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-585-684B-1199
Query Match 3.9%; Score 11.4; DB 1; Length 15;
Best Local Similarity 38.5%; Pred. No. 2.2e+02;
Matches 5; Conservative 7; Mismatches 1; Indels 0; Gaps 0;
QY 833 CTTTCTCTCTCTG 845
DB 1 CUUGCUUCUCUG 13
RESULT 348
US-08-617-010C-21
Sequence 21, Application US/08617010C
Patent No. 6194144
GENERAL INFORMATION:
APPLICANT: Hubert K ster
TITLE OF INVENTION: DNA SEQUENCING BY MASS SPECTROMETRY
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:

```

; ADDRESSEE: Heller Ehrman White & McAuliffe
; STREET: 4250 Executive Square, 7th Floor
; CITY: La Jolla
; STATE: CA
; COUNTRY: USA
; ZIP: 92037-9103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: ASCII
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/617,010C
; FILING DATE: 18-MAR-1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/178,216
; FILING DATE: 06-JAN-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/001,323
; FILING DATE: 07-JAN-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Seidman, Stephanie L
; REGISTRATION NUMBER: 33,779
; REFERENCE/DOCKET NUMBER: 24736-2012
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 858-450-8400
; TELEFAX: 858-587-5360
; TELEX:
; INFORMATION FOR SEQ ID NO: 21:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; US-08-617-010C-21

Query Match 3.9%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 2.2e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 792 GGTGCCAGAGCT 804
Db 3 GGTCCAGAGCT 15

RESULT 349
; US-09-038-073-1199
; Sequence 1199, Application US/09038073
; Patent No. 6194150
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSEQ Version 1.5

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; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/038,073
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/585,684
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/078
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1199:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-038-073-1199

Query Match 3.9%; Score 11.4; DB 1; Length 15;
Best Local Similarity 38.5%; Pred. No. 2.2e+02;
Matches 5; Conservative 7; Mismatches 1; Indels 0; Gaps 0;

QY 833 CTTTCTCTCTCTG 845
Db 1 CUUGCUUCUCUG 13

RESULT 350
; US-09-566-591-21
; Sequence 21, Application US/09566591
; Patent No. 6238871
; GENERAL INFORMATION:
; APPLICANT: Hubert K'ster
; TITLE OF INVENTION: DNA SEQUENCING BY MASS SPECTROMETRY
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Heller Ehrman White & McAuliffe
; STREET: 4250 Executive Square, 7th Floor
; CITY: La Jolla
; STATE: CA
; COUNTRY: USA
; ZIP: 92037-9103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: ASCII
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/566,591
; FILING DATE: 08-May-2000
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/617,010
; FILING DATE: 18-MAR-1996
; APPLICATION NUMBER: 08/178,216
; FILING DATE: 06-JAN-1994
; APPLICATION NUMBER: 08/001,323
; FILING DATE: 07-JAN-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Seidman, Stephanie L
; REGISTRATION NUMBER: 33,779
; REFERENCE/DOCKET NUMBER: 24736-2012B
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 858-450-8400
; TELEFAX: 858-587-5360
; TELEX: <Unknown>
; INFORMATION FOR SEQ ID NO: 21:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs

```

```
;
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; SEQUENCE DESCRIPTION: SEQ ID NO: 21:
US-09-566-591-21
    3.9%; Score 11.4; DB 1; Length 15;
Query Match
Best Local Similarity 92.3%; Pred. No. 2.2e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 792 GGTGCCAAGACT 804
Db 3 GGTCCAAGACT 15

RESULT 351
US-08-744-481A-31
; Sequence 31, Application US/08744481A
; Patent No. 6428955
; GENERAL INFORMATION:
; APPLICANT: K ster, Hubert
; TITLE OF INVENTION: DNA DIAGNOSTICS BASED ON MASS SPECTROMETRY
; NUMBER OF SEQUENCES: 55
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: HELLER EHRMAN WHITE & MCAULIFFE
; STREET: 4250 Executive Square, Suite 700
; CITY: La Jolla
; STATE: California
; COUNTRY: USA
; ZIP: 92037-9103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/744,481A
; FILING DATE: No. 6428955ember 6, 1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/617,256
; FILING DATE: March 18, 1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Seidman, Stephanie L.
; REGISTRATION NUMBER: 33,779
; REFERENCE/DOCKET NUMBER: 24736-2004
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617)450-8400
; TELEFAX: (617)587-5360
; INFORMATION FOR SEQ ID NO: 31:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
US-08-744-481A-31
    3.9%; Score 11.4; DB 1; Length 15;
Query Match
Best Local Similarity 92.3%; Pred. No. 2.2e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 792 GGTGCCAAGACT 804
Db 3 GGTCCAAGACT 15

RESULT 352
5182195-45/c
; Patent No. 5182195
; APPLICANT: NAKAHAMA, KAZUO;KAISHO, YOSHIHIKO;YOSHIMURA, KOJI
; TITLE OF INVENTION: METHOD FOR INCREASING USING PROTEASE
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;DEFICIENT YEASTS
; NUMBER OF SEQUENCES: 71
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/269,140
; FILING DATE: 09-NOV-1988
; SEQ ID NO:45:
; LENGTH: 15
5182195-45
    3.9%; Score 11.4; DB 1; Length 15;
Query Match
Best Local Similarity 92.3%; Pred. No. 2.2e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 959 CCAAAITGACTCT 971
Db 15 CCAAAITTAAGCTCT 3

RESULT 353
US-08-173-489C-30
; Sequence 30, Application US/08173489C
; Patent No. 5861244
; GENERAL INFORMATION:
; APPLICANT: WANG, C. -G.
; APPLICANT: HEPBURN, A. G.
; TITLE OF INVENTION: GENETIC SEQUENCE ASSAY USING DNA
; TITLE OF INVENTION: TRIPLE-STRAND FORMATION.
; NUMBER OF SEQUENCES: 365
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: PROFILE DIAGNOSTIC SCIENCES, INC.,
; STREET: 510 EAST 73RD STREET,
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10021.
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch, 1.44Mb storage
; COMPUTER: IBM PC/XT/AT
; OPERATING SYSTEM: MS-DOS version 6.2
; SOFTWARE: Wordperfect Version 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/173,489C
; FILING DATE: 22 DEC 1993
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/968,436
; FILING DATE: 29 OCT 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Handelman, Joseph H.
; REGISTRATION NUMBER: 26,179
; REFERENCE/DOCKET NUMBER: U9518-6
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (attorney) (212) 708-1880
; TELEFAX: (attorney) (212) 246-8959
; INFORMATION FOR SEQ ID NO: 30:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 bases
; TYPE: Nucleic Acid
; STRANDEDNESS: single stranded
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: third strand derived from dystrophin
; DESCRIPTION: sequence region in Seq ID No. 586124429
; HYPOTHETICAL: Yes
; ANTI-SENSE: No
; PUBLICATION INFORMATION:
; RELEVANT RESIDUES IN SEQ ID NO: 30 :FROM 1 TO 16
US-08-173-489C-30
    3.9%; Score 11.4; DB 1; Length 16;
Query Match
Best Local Similarity 92.3%; Pred. No. 2.5e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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Qy 894 CTTCTCAGCTTCT 906
Db 1 CTTCTCTGCTTCT 13

RESULT 354
US-08-929-140-5/c
; Sequence 5, Application US/08929140
; Patent No. 6084090
; GENERAL INFORMATION:
; APPLICANT: DiPaolo, Joseph
; APPLICANT: Alvarez-Salas, Luis
; TITLE OF INVENTION: HUMAN PAPILLOMA VIRUS INHIBITION
; TITLE OF INVENTION: BY ANTISENSE OLIGONUCLEOTIDES
; NUMBER OF SEQUENCES: 17
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Knobbe, Martens, Olson & Bear
; STREET: 620 Newport Center Drive Sixteenth Flo
; CITY: Newport Beach
; STATE: CA
; COUNTRY: USA
; ZIP: 92660
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSEQ for Windows Version 2.0
; CURRENT APPLICATION DATA:
; FILING DATE:
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Altman, Daniel E
; REGISTRATION NUMBER: 34,115
; REFERENCE/DOCKET NUMBER: NIH138.001A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 714/760-0404
; TELEFAX: 714/760-9503
; TELEX:
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
US-08-929-140-7

Query Match 3.9%; Score 11.4; DB 1; Length 16;
Best Local Similarity 92.3%; Pred. No. 2.5e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 837 TCTTCTCTGAAGA 849
Db 14 TGTCTCTGAAGA 2

RESULT 356
US-08-847-924-1
; Sequence 1, Application US/08647924
; Patent No. 6214613
; GENERAL INFORMATION:
; APPLICANT: HIGUCHI, Kazuo
; APPLICANT: KANNO, Kimiyoshi
; TITLE OF INVENTION: NOVEL EXPRESSION SCREENING VECTOR
; NUMBER OF SEQUENCES: 45
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: YOUNG & THOMPSON
; STREET: 745 South 23rd Street
; CITY: Arlington
; STATE: Virginia
; COUNTRY: U.S.A.
; ZIP: 22202
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/647,924
; FILING DATE: 12-JUL-1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 5/303620
; FILING DATE: 03-DEC-1993
; PRIOR APPLICATION DATA: WO PCT/JP94/02033
; APPLICATION NUMBER: WO PCT/JP94/02033
; FILING DATE: 02-DEC-1994

```

; ATTORNEY/AGENT INFORMATION:
; NAME: PATCH, Andrew J.
; REGISTRATION NUMBER: 32,925
; REFERENCE/DOCKET NUMBER: KP-7962
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703) 521-2297
; TELEFAX: (703) 685-0573
; TELEX: 248425 EMBON
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; US-08-647-924-1
;
; Query Match 3.9%; Score 11.4; DB 1; Length 16;
; Best Local Similarity 92.3%; Pred. No. 2.5e+02;
; Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
;
QY 749 GTCCAGGATCC 761
Db 1 GTCCAGGATCC 13
;
RESULT 357
US-09-560-579A-5/c
; Sequence 5, Application US/09560579A
; Patent No. 6277980
; GENERAL INFORMATION:
; APPLICANT: DiPaolo, Joseph
; TITLE OF INVENTION: HUMAN PAPILLOMA VIRUS INHIBITION
; BY ANTISENSE OLIGONUCLEOTIDES
; NUMBER OF SEQUENCES: 17
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Knobbe, Martens, Olson & Bear
; STREET: 620 Newport Center Drive Sixteenth Flo
; CITY: Newport Beach
; STATE: CA
; COUNTRY: USA
; ZIP: 92660
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/560,579A
; FILING DATE: 28-Apr-2000
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/929,140
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Altman, Daniel E
; REGISTRATION NUMBER: 34,115
; REFERENCE/DOCKET NUMBER: NIH138.001A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 714/760-0404
; TELEFAX: 714/760-9503
; TELEX: <Unknown>
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; SEQUENCE DESCRIPTION: SEQ ID NO: 5:
;
US-09-560-579A-5

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```

;
; Query Match 3.9%; Score 11.4; DB 1; Length 16;
; Best Local Similarity 92.3%; Pred. No. 2.5e+02;
; Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
;
QY 837 TCTTCTCTGAAGA 849
Db 14 TGTTCCTGAAGA 2
;
RESULT 358
US-09-560-579A-7/c
; Sequence 7, Application US/09560579A
; Patent No. 6277980
; GENERAL INFORMATION:
; APPLICANT: DiPaolo, Joseph
; TITLE OF INVENTION: HUMAN PAPILLOMA VIRUS INHIBITION
; BY ANTISENSE OLIGONUCLEOTIDES
; NUMBER OF SEQUENCES: 17
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Knobbe, Martens, Olson & Bear
; STREET: 620 Newport Center Drive Sixteenth Flo
; CITY: Newport Beach
; STATE: CA
; COUNTRY: USA
; ZIP: 92660
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/560,579A
; FILING DATE: 28-Apr-2000
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/929,140
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Altman, Daniel E
; REGISTRATION NUMBER: 34,115
; REFERENCE/DOCKET NUMBER: NIH138.001A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 714/760-0404
; TELEFAX: 714/760-9503
; TELEX: <Unknown>
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; SEQUENCE DESCRIPTION: SEQ ID NO: 7:
;
US-09-560-579A-7
;
; Query Match 3.9%; Score 11.4; DB 1; Length 16;
; Best Local Similarity 92.3%; Pred. No. 2.5e+02;
; Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
;
QY 837 TCTTCTCTGAAGA 849
Db 14 TGTTCCTGAAGA 2
;
RESULT 359
US-09-371-772B-5881
; Sequence 5881, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: MCSwigen, Jim
;
US-09-371-772B-5881

```

APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
FILE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MBH00, 876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 5881
LENGTH: 16
TYPE: RNA
ORGANISM: Homo sapiens
US-09-371-772B-5881

Query Match 3.9%; Score 11.4; DB 1; Length 16;
Best Local Similarity 61.5%; Pred. No. 2.5e+02;
Matches 8; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

Qy 838 CTTCTCTGAAGAC 850
Db 4 CUUCUCUGAGGAC 16

RESULT 360
US-08-192-300-6/c
Sequence 6, Application US/08/92300
Patent No. 5580759
GENERAL INFORMATION:
APPLICANT: Yang, Yih-Sheng
APPLICANT: Tucker, Philip W.
APPLICANT: Capra, J. Donald
TITLE OF INVENTION: CONSTRUCTION OF RECOMBINANT DNA BY
TITLE OF INVENTION: EXONUCLEASE REVERSION
NUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESS:
ADDRESSEE: Arnold, White & Durkee
STREET: P. O. Box 4433
CITY: Houston
STATE: Texas
COUNTRY: USA
ZIP: 77210

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy Disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII-DOS
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/192,300
FILING DATE: February 3, 1994
CLASSIFICATION: 535
ATTORNEY/AGENT INFORMATION:
NAME: Denise L. Mayfield
REGISTRATION NUMBER: 33,732
REFERENCE/DOCKET NUMBER: UTSD:327
TELECOMMUNICATION INFORMATION:
TELEPHONE: (512) 320-7200
TELEFAX: (512) 474-7577
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: Nucleic acid
STRANDEDNESS: Single
TOPOLOGY: Linear
MOLECULE TYPE: Oligonucleotide
US-08-192-300-6

Query Match 3.9%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 2.8e+02;

Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 920 CATCACACACCACC 932
Db 16 CACCACACACCACC 4

RESULT 361
US-08-379-078-487
Sequence 487, Application US/08379078
Patent No. 5639612
GENERAL INFORMATION:
APPLICANT: Mitsuhashi, Masato
APPLICANT: Cooper, Allan
TITLE OF INVENTION: Gene Detection System
NUMBER OF SEQUENCES: 726
CORRESPONDENCE ADDRESS:
ADDRESSEE: KNOBBE, MARTENS, OLSON AND BEAR
STREET: 620 Newport Center Drive 16th Floor
CITY: Newport Beach
STATE: CA
COUNTRY: USA
ZIP: 92660
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/379,078
FILING DATE:
CLASSIFICATION: 435
Prior Application Data:
APPLICATION NUMBER: US 07/974,406
FILING DATE: 12-NOV-1992
ATTORNEY/AGENT INFORMATION:
NAME: Altman, Daniel E.
REGISTRATION NUMBER: 34,115
REFERENCE/DOCKET NUMBER: HITACHI.011CP2
TELECOMMUNICATION INFORMATION:
TELEPHONE: 714-760-0404
TELEFAX: 714-760-9502
INFORMATION FOR SEQ ID NO: 487:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: cDNA to mRNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-08-379-078-487

Query Match 3.9%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 2.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 710 AGTCCCGAGGAG 722
Db 1 AGTCCCGAGGAGCG 13

RESULT 362
US-08-379-078-498
Sequence 498, Application US/08379078
Patent No. 5639612
GENERAL INFORMATION:
APPLICANT: Mitsuhashi, Masato
APPLICANT: Cooper, Allan
TITLE OF INVENTION: Gene Detection System
NUMBER OF SEQUENCES: 726
CORRESPONDENCE ADDRESS:
ADDRESSEE: KNOBBE, MARTENS, OLSON AND BEAR

STREET: 620 Newport Center Drive 16th Floor
CITY: Newport Beach
STATE: CA
COUNTRY: USA
ZIP: 92660
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/379,078
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/974,406
FILING DATE: 12-NOV-1992
ATTORNEY/AGENT INFORMATION:
NAME: Altman, Daniel E.
REGISTRATION NUMBER: 34,115
REFERENCE/DOCKET NUMBER: HITACHI.011CP2
TELECOMMUNICATION INFORMATION:
TELEPHONE: 714-760-0404
TELEFAX: 714-760-9502
INFORMATION FOR SEQ ID NO: 498:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: cDNA to mRNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-08-379-078-498

Query Match 3.9%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 2.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 710 AGTCCGAGGAG 722
|||||
Db 1 AGTCGAGGAG 13

RESULT 363
US-08-379-078-499
Sequence 499, Application US/08379078
Patent No. 5639612
GENERAL INFORMATION:
APPLICANT: Mitsuhashi, Masato
ATTORNEY/AGENT INFORMATION:
COOPER, Allan
TITLE OF INVENTION: Gene Detection System
NUMBER OF SEQUENCES: 726
CORRESPONDENCE ADDRESS:
ADDRESSEE: KNOBEE, MARTENS, OLSON AND BEAR
STREET: 620 Newport Center Drive 16th Floor
CITY: Newport Beach
STATE: CA
COUNTRY: USA
ZIP: 92660
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/379,078
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/974,406
FILING DATE: 12-NOV-1992
ATTORNEY/AGENT INFORMATION:

NAME: Altman, Daniel E.
REGISTRATION NUMBER: 34,115
REFERENCE/DOCKET NUMBER: HITACHI.011CP2
TELECOMMUNICATION INFORMATION:
TELEPHONE: 714-760-0404
TELEFAX: 714-760-9502
INFORMATION FOR SEQ ID NO: 499:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: cDNA to mRNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-08-379-078-499

Query Match 3.9%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 2.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 710 AGTCCGAGGAG 722
|||||
Db 1 AGTCGAGGAG 13

RESULT 364
US-08-331-389A-5/c
Sequence 5, Application US/08331389A
Patent No. 5837449
GENERAL INFORMATION:
APPLICANT: Monia et al.
TITLE OF INVENTION: Compositions and Methods for
NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz &
ADDRESSEE: No. 5837449ris LLP
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WORDPERFECT 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/331,389A
FILING DATE: 28-OCT-1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/814,963
FILING DATE: 24-DEC-1991
ATTORNEY/AGENT INFORMATION:
NAME: Paul K. Legaard, Ph.D.
REGISTRATION NUMBER: 38,534
REFERENCE/DOCKET NUMBER: ISIS-1668
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 17
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
ANTI-SENSE: Yes
US-08-331-389A-5

Query Match 3.9%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 2.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

Qy      914 GATTATCATCACC 926
Db      13 GATCATCATCACC 1

RESULT 365
US-08-460-890A-5
; Sequence 5, Application US/08460890A
; Patent No. 5994109
; GENERAL INFORMATION:
; APPLICANT: Woo, Savio L.C.
; APPLICANT: Smith, Louis C.
; APPLICANT: Cristiano, Richard J.
; APPLICANT: Gottchalk, Stephen
; TITLE OF INVENTION: NUCLEIC ACID TRANSPORTER SYSTEMS AND
; TITLE OF INVENTION: METHODS OF USE
; NUMBER OF SEQUENCES: 65
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/460,890A
; FILING DATE: June 5, 1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/167,641
; FILING DATE: December 14, 1993
; APPLICATION NUMBER: 07/855,389
; FILING DATE: March 20, 1992
; APPLICATION NUMBER: PCT/US93/02725
; FILING DATE: March 19, 1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 212/066
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Other nucleic acid
; FEATURE:
; OTHER INFORMATION: "C" stands for 5-methylcytosine
US-08-460-890A-5

Query Match      3.9%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 2.8e-02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      832 TCCTTTCTCTCTCT 844
Db      1 TTTTCTCTCTCT 13

RESULT 366
US-08-167-641C-5
; Sequence 5, Application US/08167641C
; Patent No. 6033884
; GENERAL INFORMATION:
; APPLICANT: Woo, Savio L.C.
; APPLICANT: Smith, Louis C.
; APPLICANT: Cristiano, Richard J.
; APPLICANT: Gottchalk, Stephen
; TITLE OF INVENTION: NUCLEIC ACID TRANSPORTER SYSTEMS AND
; TITLE OF INVENTION: METHODS OF USE
; NUMBER OF SEQUENCES: 65
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/167,641C
; FILING DATE: December 14, 1993
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/855,389
; FILING DATE: March 20, 1992
; APPLICATION NUMBER: PCT/US93/02725
; FILING DATE: March 19, 1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 205/012
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Other nucleic acid
; FEATURE:
; OTHER INFORMATION: "C" stands for 5-methylcytosine
US-08-167-641C-5

Query Match      3.9%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 2.8e-02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      832 TCCTTTCTCTCTCT 844
Db      1 TTTTCTCTCTCT 13

RESULT 367
US-08-985-162-134/C
; Sequence 134, Application US/08985162
; Patent No. 6057156
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; TITLE OF INVENTION: FACTOR RECEPTORS

```

```
;
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSEQ for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/985,162
; FILING DATE: 04 December 1997
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 134:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-985-162-134

Query Match 3.9%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 2.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 717 GGAGAGTGAGTCT 729
Db 16 GGAGAGTGAGTCT 4

RESULT 368
US-08-985-162-336
; Sequence 336, Application US/08985162
; Patent No. 6057156
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwigen, James
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; TITLE OF INVENTION: FACTOR RECEPTORS
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
```

```
;
; SOFTWARE: FastSEQ for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/985,162
; FILING DATE: 04 December 1997
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 336:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-985-162-336

Query Match 3.9%; Score 11.4; DB 1; Length 17;
Best Local Similarity 69.2%; Pred. No. 2.8e+02;
Matches 9; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 800 GAGCTGCTCCCA 812
Db 4 GAGAUCCUCCA 16

RESULT 369
US-08-460-971A-5
; Sequence 5, Application US/08460971A
; Patent No. 6150168
; GENERAL INFORMATION:
; APPLICANT: Woo, Savio L.C.
; APPLICANT: Smith, Louis C.
; APPLICANT: Cristiano, Richard J.
; APPLICANT: Gottchalk, Stephen
; TITLE OF INVENTION: NUCLEIC ACID TRANSPORTER SYSTEMS AND
; TITLE OF INVENTION: METHODS OF USE
; NUMBER OF SEQUENCES: 65
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSEQ for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/460,971A
; FILING DATE: June 5, 1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/167,641
; FILING DATE: December 14, 1993
; APPLICATION NUMBER: 07/855,389
; FILING DATE: March 20, 1992
; APPLICATION NUMBER: PCT/US93/02725
; FILING DATE: March 19, 1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
```

REFERENCE/DOCKET NUMBER: 212/063
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Other nucleic acid
FEATURE: LINEAR
OTHER INFORMATION: "C" stands for 5-methylcytosine
US-08-460-971A-5

Query Match 3.9%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 2.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 832 TCTTTTCTCTCT 844
Db 1 TTTTCTCTCTCT 13

RESULT 370
US-09-192-657A-5/C
Sequence 5, Application US/09192657A
Patent No. 6177246
GENERAL INFORMATION:
APPLICANT: Monia et al.
TITLE OF INVENTION: Composition and Methods for
TITLE OF INVENTION: Modulating -Amyloid
NUMBER OF SEQUENCES: 51
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz
ADDRESSEE: Mackiewicz & No. 6177246ris LLP
STREET: One Liberty Place - 46th floor
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB
MEDIUM TYPE: STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/192,657A
FILING DATE: 16-NOV-1998
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/814,963
FILING DATE: 12/24/91
ATTORNEY/AGENT INFORMATION:
NAME: Paul K. Legard
REGISTRATION NUMBER: 38,534
REFERENCE/DOCKET NUMBER: ISIS-3301
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 17
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
ANTI-SENSE: yes
US-09-192-657A-5

Query Match 3.9%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 2.8e+02;

Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 914 GATTATCATCACC 926
Db 13 GATCATCATCACC 1

RESULT 371
US-08-462-040-5
Sequence 5, Application US/08462040
Patent No. 6177554
GENERAL INFORMATION:
APPLICANT: Woo, Savio L.C.
APPLICANT: Smith, Louis C.
APPLICANT: Cristtiano, Richard J.
APPLICANT: Gottchalk, Stephen
TITLE OF INVENTION: NUCLEIC ACID TRANSPORTER SYSTEMS AND
METHODS OF USE
NUMBER OF SEQUENCES: 65
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/462,040
FILING DATE: June 5, 1995
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/167,641
FILING DATE: December 14, 1993
APPLICATION NUMBER: 07/855,389
FILING DATE: March 20, 1992
APPLICATION NUMBER: PCT/US93/02725
FILING DATE: March 19, 1993
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 212/078
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Other nucleic acid
FEATURE:
OTHER INFORMATION: "C" stands for 5-methylcytosine
US-08-462-040-5

Query Match 3.9%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 2.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 832 TCTTTTCTCTCT 844
Db 1 TTTTCTCTCTCT 13

RESULT 372

US-07-974-409C-101
; Sequence 101, Application US/07974409C
; Patent No. 6300058
; GENERAL INFORMATION:
; APPLICANT: Akitaya, Tatsuo
; APPLICANT: Mitsuhashi, Masato
; APPLICANT: Cooper, Allan
; TITLE OF INVENTION: METHOD AND REAGENT
; TITLE OF INVENTION: FOR MEASURING MESSENGER RNA
; NUMBER OF SEQUENCES: 457
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Knobbe, Martens, Olson, and Bear
; STREET: 620 Newport Center Dr. Sixteenth Floor
; CITY: Newport Beach
; STATE: CA
; COUNTRY: USA
; ZIP: 92660
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/974,409C
; FILING DATE: 12-NOV-1992
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Altman, Daniel E.
; REGISTRATION NUMBER: 34,115
; REFERENCE/DOCKET NUMBER: HITACHI.006CP2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 714-760-0404
; TELEFAX: 714-760-9502
; INFORMATION FOR SEQ ID NO: 101:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA to mRNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
US-07-974-409C-101

Query Match 3.9%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 2.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 710 AGTCCCGAGGAG 722
Db 1 AGTCCCGAGGAG 13

RESULT 373
US-07-974-409C-112
; Sequence 112, Application US/07974409C
; Patent No. 6300058
; GENERAL INFORMATION:
; APPLICANT: Akitaya, Tatsuo
; APPLICANT: Mitsuhashi, Masato
; APPLICANT: Cooper, Allan
; TITLE OF INVENTION: METHOD AND REAGENT
; TITLE OF INVENTION: FOR MEASURING MESSENGER RNA
; NUMBER OF SEQUENCES: 457
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Knobbe, Martens, Olson, and Bear
; STREET: 620 Newport Center Dr. Sixteenth Floor
; CITY: Newport Beach
; STATE: CA
; COUNTRY: USA
; ZIP: 92660
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/974,409C
FILING DATE: 12-NOV-1992
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Altman, Daniel E.
REGISTRATION NUMBER: 34,115
REFERENCE/DOCKET NUMBER: HITACHI.006CP2
TELECOMMUNICATION INFORMATION:
TELEPHONE: 714-760-0404
TELEFAX: 714-760-9502
INFORMATION FOR SEQ ID NO: 112:
SEQUENCE CHARACTERISTICS:
LENGTH: 17
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: cDNA to mRNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-07-974-409C-112

Query Match 3.9%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 2.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 710 AGTCCCGAGGAG 722
Db 1 AGTCCCGAGGAG 13

RESULT 374
US-07-974-409C-113
; Sequence 113, Application US/07974409C
; Patent No. 6300058
; GENERAL INFORMATION:
; APPLICANT: Akitaya, Tatsuo
; APPLICANT: Mitsuhashi, Masato
; APPLICANT: Cooper, Allan
; TITLE OF INVENTION: METHOD AND REAGENT
; TITLE OF INVENTION: FOR MEASURING MESSENGER RNA
; NUMBER OF SEQUENCES: 457
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Knobbe, Martens, Olson, and Bear
; STREET: 620 Newport Center Dr. Sixteenth Floor
; CITY: Newport Beach
; STATE: CA
; COUNTRY: USA
; ZIP: 92660
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/974,409C
; FILING DATE: 12-NOV-1992
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Altman, Daniel E.
; REGISTRATION NUMBER: 34,115
; REFERENCE/DOCKET NUMBER: HITACHI.006CP2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 714-760-0404
; TELEFAX: 714-760-9502
; INFORMATION FOR SEQ ID NO: 113:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17
; TYPE: nucleic acid
; STRANDEDNESS: double

TOPOLOGY: linear
MOLECULE TYPE: cDNA to mRNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-07-974-409C-113

Query Match 3.9%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 2.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 710 AGTCCAGGAGAG 722
|||||
Db 1 AGTCCAGGAGAG 13

RESULT 375
US-08-584-040-2068
Sequence 2068, Application US/08584040
Patent No. 6346398
GENERAL INFORMATION:
APPLICANT: Pavco, Pamela
APPLICANT: McSwiggen, James
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES OR
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
NUMBER OF SEQUENCES: 8502
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 2068:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-584-040-2068

Query Match 3.9%; Score 11.4; DB 1; Length 17;
Best Local Similarity 61.5%; Pred. No. 2.8e+02;
Matches 8; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

Qy 838 CTCTCTGAAGAC 850
|:::|::|::|

Db 4 CUUCUCUGAGGAC 16

RESULT 376
US-08-584-040-5417
Sequence 5417, Application US/08584040
Patent No. 6346398
GENERAL INFORMATION:
APPLICANT: Pavco, Pamela
APPLICANT: McSwiggen, James
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES OR
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
NUMBER OF SEQUENCES: 8502
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 5417:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-584-040-5417

Query Match 3.9%; Score 11.4; DB 1; Length 17;
Best Local Similarity 38.5%; Pred. No. 2.8e+02;
Matches 5; Conservative 7; Mismatches 1; Indels 0; Gaps 0;

Qy 826 TGTGCTCTTTC 838
|:::|::|::|

Db 4 UGUGUCUUUUGC 16

RESULT 377
US-08-584-040-5418
Sequence 5418, Application US/08584040
Patent No. 6346398
GENERAL INFORMATION:
APPLICANT: Pavco, Pamela
APPLICANT: McSwiggen, James
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Escobedo, Jaime

```

/ TITLE OF INVENTION: METHOD AND REAGENT FOR THE
/ TITLE OF INVENTION: TREATMENT OF DISEASES OR
/ TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
/ TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
/ TITLE OF INVENTION: GROWTH FACTOR
/ NUMBER OF SEQUENCES: 8502
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Lyon & Lyon
/ STREET: 633 West Fifth Street
/ CITY: Los Angeles
/ STATE: California
/ COUNTRY: U.S.A.
/ ZIP: 90071-2066
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
/ MEDIUM TYPE: storage
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: IBM P.C. DOS 5.0
/ SOFTWARE: Word Perfect 5.1
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/584,040
/ FILING DATE: January 11, 1996
/ CLASSIFICATION: 514
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 60/005,974
/ FILING DATE: October 26, 1995
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Warburg, Richard J.
/ REGISTRATION NUMBER: 32,327
/ REFERENCE/DOCKET NUMBER: 218/064
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (213) 489-1600
/ TELEFAX: (213) 955-0440
/ TELEX: 67-3510
/ INFORMATION FOR SEQ ID NO: 5418:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 17 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ US-08-584-040-7722

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```

Query Match 3.9%; Score 11.4; DB 1; Length 17;
Best Local Similarity 38.5%; Pred. No. 2.8e+02;
Matches 5; Conservative 7; Mismatches 1; Indels 0; Gaps 0;

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Qy 826 TGTGTCCTCTTTC 838
Db 2 UGUGUCUCUUUGC 14

```

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RESULT 378
US-08-584-040-7722
/ Sequence 7722, Application US/08584040
/ Patent No. 6346398
/ GENERAL INFORMATION:
/ APPLICANT: Pavco, Pamela
/ APPLICANT: McSwiggen, James
/ APPLICANT: Stinchcomb, Dan T.
/ APPLICANT: Escobedo, Jaime
/ TITLE OF INVENTION: METHOD AND REAGENT FOR THE
/ TITLE OF INVENTION: TREATMENT OF DISEASES OR
/ TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
/ TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
/ TITLE OF INVENTION: GROWTH FACTOR
/ NUMBER OF SEQUENCES: 8502
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Lyon & Lyon
/ STREET: 633 West Fifth Street
/ CITY: Los Angeles
/ STATE: California

```

```

/ COUNTRY: U.S.A.
/ ZIP: 90071-2066
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
/ MEDIUM TYPE: storage
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: IBM P.C. DOS 5.0
/ SOFTWARE: Word Perfect 5.1
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/584,040
/ FILING DATE: January 11, 1996
/ CLASSIFICATION: 514
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 60/005,974
/ FILING DATE: October 26, 1995
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Warburg, Richard J.
/ REGISTRATION NUMBER: 32,327
/ REFERENCE/DOCKET NUMBER: 218/064
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (213) 489-1600
/ TELEFAX: (213) 955-0440
/ TELEX: 67-3510
/ INFORMATION FOR SEQ ID NO: 7722:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 17 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ US-08-584-040-7722

```

```

Query Match 3.9%; Score 11.4; DB 1; Length 17;
Best Local Similarity 61.5%; Pred. No. 2.8e+02;
Matches 8; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

```

```

Qy 838 CTTCTCTGAAGAC 850
Db 4 CUUCUCUGAGGAC 16

```

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RESULT 379
US-09-474-432B-395/c
/ Sequence 395, Application US/09474432B
/ Patent No. 6528640
/ GENERAL INFORMATION:
/ APPLICANT: Ribozyme Pharmaceuticals, Inc.
/ APPLICANT: Beigelman, Leo
/ APPLICANT: Burgin, Alex
/ APPLICANT: Beaudry, Amber
/ APPLICANT: Karpeisky, Alex
/ APPLICANT: Adamic, Jasenka
/ APPLICANT: Sweedler, David
/ APPLICANT: Zinnen, Shawn
/ TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleotides
/ FILE REFERENCE: MEH800-831-B (247/276)
/ CURRENT APPLICATION NUMBER: US/09/474,432B
/ CURRENT FILING DATE: 1999-12-19
/ PRIOR APPLICATION NUMBER: US 60/064,866
/ PRIOR FILING DATE: 1997-11-05
/ PRIOR APPLICATION NUMBER: US 60/084,727
/ PRIOR FILING DATE: 1998-04-29
/ PRIOR APPLICATION NUMBER: US 09/186,675
/ PRIOR FILING DATE: 1998-11-04
/ PRIOR APPLICATION NUMBER: US 09/301,511
/ PRIOR FILING DATE: 1999-04-28
/ NUMBER OF SEQ ID NOS: 1526
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 395
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: Homo sapiens
/ US-09-474-432B-395

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```
Query Match      3.9%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 2.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 776 TGAGGCGAGCCCC 788
Db 15 TGAGGCGAGCCCC 3

RESULT 380
US-09-474-432B-396/C
; Sequence 396, Application US/09474432B
; Patent No. 6528640
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Burgin, Alex
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka
; APPLICANT: Sweedler, David
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleot
; FILE REFERENCE: MBH00-831-B (247/276)
; CURRENT APPLICATION NUMBER: US/09/474,432B
; CURRENT FILING DATE: 1999-12-19
; PRIOR APPLICATION NUMBER: US 60/064,866
; PRIOR FILING DATE: 1997-11-05
; PRIOR APPLICATION NUMBER: US 60/084,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: US 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: US 09/301,511
; PRIOR FILING DATE: 1999-04-28
; NUMBER OF SEQ ID NOS: 1526
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 396
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-474-432B-396

Query Match      3.9%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 2.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 776 TGAGGCGAGCCCC 788
Db 13 TGAGGCGAGCCCC 1

RESULT 381
US-09-474-432B-407/C
; Sequence 407, Application US/09474432B
; Patent No. 6528640
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Burgin, Alex
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka
; APPLICANT: Sweedler, David
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleot
; FILE REFERENCE: MBH00-831-B (247/276)
; CURRENT APPLICATION NUMBER: US/09/474,432B
; CURRENT FILING DATE: 1999-12-19
; PRIOR APPLICATION NUMBER: US 60/064,866
; PRIOR FILING DATE: 1997-11-05
; PRIOR APPLICATION NUMBER: US 60/084,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: US 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: US 09/301,511
; PRIOR FILING DATE: 1999-04-28
; NUMBER OF SEQ ID NOS: 1526
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 396
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-474-432B-396

Query Match      3.9%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 2.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 776 TGAGGCGAGCCCC 788
Db 13 TGAGGCGAGCCCC 1

RESULT 381
US-09-474-432B-407/C
; Sequence 407, Application US/09474432B
; Patent No. 6528640
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Burgin, Alex
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka
; APPLICANT: Sweedler, David
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleot
; FILE REFERENCE: MBH00-831-B (247/276)
; CURRENT APPLICATION NUMBER: US/09/474,432B
; CURRENT FILING DATE: 1999-12-19
; PRIOR APPLICATION NUMBER: US 60/064,866
; PRIOR FILING DATE: 1997-11-05
; PRIOR APPLICATION NUMBER: US 60/084,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: US 09/186,675
```

```
Query Match      3.9%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 2.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 857 CTGGCTCCAGTTG 869
Db 16 CTGGCTGCAGTTG 4

RESULT 382
US-09-474-432B-694/C
; Sequence 694, Application US/09474432B
; Patent No. 6528640
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Burgin, Alex
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka
; APPLICANT: Sweedler, David
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleot
; FILE REFERENCE: MEH00-831-B (247/276)
; CURRENT APPLICATION NUMBER: US/09/474,432B
; CURRENT FILING DATE: 1999-12-19
; PRIOR APPLICATION NUMBER: US 60/064,866
; PRIOR FILING DATE: 1997-11-05
; PRIOR APPLICATION NUMBER: US 60/084,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: US 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: US 09/301,511
; PRIOR FILING DATE: 1999-04-28
; NUMBER OF SEQ ID NOS: 1526
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 694
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-474-432B-694

Query Match      3.9%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 2.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 857 CTGGCTCCAGTTG 869
Db 13 CTGGCTGCAGTTG 1

RESULT 383
US-09-371-772B-613
; Sequence 613, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggan, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
```

; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
 ; FILE REFERENCE: MBH00.876-J (237/198)
 ; CURRENT APPLICATION NUMBER: US/09/371,772B
 ; CURRENT FILING DATE: 1999-08-10
 ; PRIOR APPLICATION NUMBER: US 60/005,974
 ; PRIOR FILING DATE: 1995-10-26
 ; PRIOR APPLICATION NUMBER: US 08/584,040
 ; PRIOR FILING DATE: 1996-01-08
 ; NUMBER OF SEQ ID NOS: 14225
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 613
 ; LENGTH: 17
 ; TYPE: RNA
 ; ORGANISM: Homo sapiens
 US-09-371-772B-613

Query Match 3.9%; Score 11.4; DB 1; Length 17;
 Best Local Similarity 61.5%; Pred. No. 2.8e+02;
 Matches 8; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 838 CTCTCTGAAGAC 850
 :||:|||||
 Db 4 CUUCUCUGAGGAC 16

RESULT 384
 US-09-371-772B-2316
 ; Sequence 2316, Application US/09371772B
 ; Patent No. 6566127
 ; GENERAL INFORMATION:
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.
 ; APPLICANT: Pavco, Pam
 ; APPLICANT: McSwiggen, Jim
 ; APPLICANT: Stinchcomb, Dan
 ; APPLICANT: Escobedo, Jaime
 ; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
 ; FILE REFERENCE: MBH00.876-J (237/198)
 ; CURRENT APPLICATION NUMBER: US/09/371,772B
 ; CURRENT FILING DATE: 1999-08-10
 ; PRIOR APPLICATION NUMBER: US 60/005,974
 ; PRIOR FILING DATE: 1995-10-26
 ; PRIOR APPLICATION NUMBER: US 08/584,040
 ; PRIOR FILING DATE: 1996-01-08
 ; NUMBER OF SEQ ID NOS: 14225
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 2316
 ; LENGTH: 17
 ; TYPE: RNA
 ; ORGANISM: Mus sp.
 US-09-371-772B-2316

Query Match 3.9%; Score 11.4; DB 1; Length 17;
 Best Local Similarity 38.5%; Pred. No. 2.8e+02;
 Matches 5; Conservative 7; Mismatches 1; Indels 0; Gaps 0;

QY 826 TGTGTCCTTTTC 838
 :||:|||||
 Db 4 UGUGUCUCUUGC 16

RESULT 385
 US-09-371-772B-2317
 ; Sequence 2317, Application US/09371772B
 ; Patent No. 6566127
 ; GENERAL INFORMATION:
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.
 ; APPLICANT: Pavco, Pam
 ; APPLICANT: McSwiggen, Jim
 ; APPLICANT: Stinchcomb, Dan
 ; APPLICANT: Escobedo, Jaime
 ; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
 ; FILE REFERENCE: MBH00.876-J (237/198)

; FILE REFERENCE: MBH00.876-J (237/198)
 ; CURRENT APPLICATION NUMBER: US/09/371,772B
 ; CURRENT FILING DATE: 1999-08-10
 ; PRIOR APPLICATION NUMBER: US 60/005,974
 ; PRIOR FILING DATE: 1995-10-26
 ; PRIOR APPLICATION NUMBER: US 08/584,040
 ; PRIOR FILING DATE: 1996-01-08
 ; NUMBER OF SEQ ID NOS: 14225
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 2317
 ; LENGTH: 17
 ; TYPE: RNA
 ; ORGANISM: Mus sp.
 US-09-371-772B-2317

Query Match 3.9%; Score 11.4; DB 1; Length 17;
 Best Local Similarity 38.5%; Pred. No. 2.8e+02;
 Matches 5; Conservative 7; Mismatches 1; Indels 0; Gaps 0;

QY 826 TGTGTCCTTTTC 838
 :||:|||||
 Db 2 UGUGUCUCUUGC 14

RESULT 386
 US-09-371-772B-3507
 ; Sequence 3507, Application US/09371772B
 ; Patent No. 6566127
 ; GENERAL INFORMATION:
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.
 ; APPLICANT: Pavco, Pam
 ; APPLICANT: McSwiggen, Jim
 ; APPLICANT: Stinchcomb, Dan
 ; APPLICANT: Escobedo, Jaime
 ; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
 ; FILE REFERENCE: MBH00.876-J (237/198)
 ; CURRENT APPLICATION NUMBER: US/09/371,772B
 ; CURRENT FILING DATE: 1999-08-10
 ; PRIOR APPLICATION NUMBER: US 60/005,974
 ; PRIOR FILING DATE: 1995-10-26
 ; PRIOR APPLICATION NUMBER: US 08/584,040
 ; PRIOR FILING DATE: 1996-01-08
 ; NUMBER OF SEQ ID NOS: 14225
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 3507
 ; LENGTH: 17
 ; TYPE: RNA
 ; ORGANISM: Mus sp.
 US-09-371-772B-3507

Query Match 3.9%; Score 11.4; DB 1; Length 17;
 Best Local Similarity 61.5%; Pred. No. 2.8e+02;
 Matches 8; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 838 CTCTCTGAAGAC 850
 :||:|||||
 Db 4 CUUCUCUGAGGAC 16

RESULT 387
 US-09-371-772B-4279/c
 ; Sequence 4279, Application US/09371772B
 ; Patent No. 6566127
 ; GENERAL INFORMATION:
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.
 ; APPLICANT: Pavco, Pam
 ; APPLICANT: McSwiggen, Jim
 ; APPLICANT: Stinchcomb, Dan
 ; APPLICANT: Escobedo, Jaime
 ; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
 ; FILE REFERENCE: MBH00.876-J (237/198)

; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 4279
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-4279

Query Match 3.9%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 2.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 836 TTCTCTCTGAAG 848
|:|:|:|:|:|
Db 17 TTCTCTCTGAAG 5

RESULT 388
US-09-371-772B-4921
; Sequence 4921, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MSHB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 4921
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-4921

Query Match 3.9%; Score 11.4; DB 1; Length 17;
Best Local Similarity 61.5%; Pred. No. 2.8e+02;
Matches 8; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 838 CTCTCTCTGAAGAC 850
|:|:|:|:|:|
Db 5 CUUCUCUGAGGAC 17

RESULT 389
US-09-371-772B-4922
; Sequence 4922, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MSHB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B

; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 4922
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-4922

Query Match 3.9%; Score 11.4; DB 1; Length 17;
Best Local Similarity 61.5%; Pred. No. 2.8e+02;
Matches 8; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 838 CTCTCTCTGAAGAC 850
|:|:|:|:|:|
Db 3 CUUCUCUGAGGAC 15

RESULT 390
US-09-371-772B-5241/c
; Sequence 5241, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MSHB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 5241
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-5241

Query Match 3.9%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 2.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 892 TACTTCTCAGCTT 904
|:|:|:|:|:|
Db 17 TTCTTCTCAGCTT 5

RESULT 391
US-09-371-772B-5297
; Sequence 5297, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MSHB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B

; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5297
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-5297

Query Match 3.9%; Score 11.4; DB 1; Length 17;
Best Local Similarity 69.2%; Pred. No. 2.8e+02;
Matches 9; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 861 CTCGAGTTGGAAC 873
DB 5 CUCCAGUUGGAC 17
|:||||:|

RESULT 392
US-09-371-772B-5478/c
; Sequence 5478, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggan, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jalme
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBH00, 876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1995-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5478
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-5478

Query Match 3.9%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 2.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 861 CTCGAGTTGGAAC 873
DB 16 CTCGAGTTGGAAC 4
|:||||:|

RESULT 393
US-09-476-387-394/c
; Sequence 394, Application US/09476387
; Patent No. 6617438
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka Matulic
; APPLICANT: Sweedler, Dave
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleot
; FILE REFERENCE: MBH00-831-C (249/073)
; CURRENT APPLICATION NUMBER: US/09/476,387
; CURRENT FILING DATE: 2001-04-04

; PRIOR APPLICATION NUMBER: 09/474,432
; PRIOR FILING DATE: 1999-12-29
; PRIOR APPLICATION NUMBER: 09/301,511
; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: 60/083,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/064,866
; PRIOR FILING DATE: 1997-11-05
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 394
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-476-387-394

Query Match 3.9%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 2.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 776 TGAGGCGAGCCCC 788
DB 15 TGAGGCGAGCCCC 3
|:||||:|

RESULT 394
US-09-476-387-395/c
; Sequence 395, Application US/09476387
; Patent No. 6617438
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka Matulic
; APPLICANT: Sweedler, Dave
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleot
; FILE REFERENCE: MBH00-831-C (249/073)
; CURRENT APPLICATION NUMBER: US/09/476,387
; CURRENT FILING DATE: 2001-04-04
; PRIOR APPLICATION NUMBER: 09/474,432
; PRIOR FILING DATE: 1999-12-29
; PRIOR APPLICATION NUMBER: 09/301,511
; PRIOR FILING DATE: 1998-04-28
; PRIOR APPLICATION NUMBER: 60/083,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/064,866
; PRIOR FILING DATE: 1997-11-05
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 395
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-476-387-395

Query Match 3.9%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 2.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 776 TGAGGCGAGCCCC 788
DB 13 TGAGGCGAGCCCC 1
|:||||:|

RESULT 395
US-09-476-387-406/c
; Sequence 406, Application US/09476387

Patent No. 6617438
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Beigelman, Leo
APPLICANT: Beaudry, Amber
APPLICANT: Karpeisky, Alex
APPLICANT: Adamic, Jasenka Matulic
APPLICANT: Sweedler, Dave
APPLICANT: Zinnen, Shawn
TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleotides
FILE REFERENCE: MBH00-831-C (249/073)
CURRENT APPLICATION NUMBER: US/09/476,387
CURRENT FILING DATE: 2001-04-04
PRIOR APPLICATION NUMBER: 09/474,432
PRIOR FILING DATE: 1999-12-29
PRIOR APPLICATION NUMBER: 09/301,511
PRIOR FILING DATE: 1999-04-28
PRIOR APPLICATION NUMBER: 09/186,675
PRIOR FILING DATE: 1998-11-04
PRIOR APPLICATION NUMBER: 60/083,727
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/064,866
PRIOR FILING DATE: 1997-11-05
NUMBER OF SEQ ID NOS: 1524
SOFTWARE: PatentIn version 3.0
SEQ ID NO 406
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-476-387-693

Query Match 3.9%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 2.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 857 CTGGCTCCAGTTG 869
Db 16 CTGGCTCCAGTTG 4

RESULT 396
US-09-476-387-693/C
Sequence 693, Application US/09476387
Patent No. 6617438
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Beigelman, Leo
APPLICANT: Beaudry, Amber
APPLICANT: Karpeisky, Alex
APPLICANT: Adamic, Jasenka Matulic
APPLICANT: Sweedler, Dave
APPLICANT: Zinnen, Shawn
TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleotides
FILE REFERENCE: MBH00-831-C (249/073)
CURRENT APPLICATION NUMBER: US/09/476,387
CURRENT FILING DATE: 2001-04-04
PRIOR APPLICATION NUMBER: 09/474,432
PRIOR FILING DATE: 1999-12-29
PRIOR APPLICATION NUMBER: 09/301,511
PRIOR FILING DATE: 1999-04-28
PRIOR APPLICATION NUMBER: 09/186,675
PRIOR FILING DATE: 1998-11-04
PRIOR APPLICATION NUMBER: 60/083,727
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/064,866
PRIOR FILING DATE: 1997-11-05
NUMBER OF SEQ ID NOS: 1524
SOFTWARE: PatentIn version 3.0
SEQ ID NO 693
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-476-387-693

Query Match 3.9%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 2.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 857 CTGGCTCCAGTTG 869
Db 13 CTGGCTCCAGTTG 1

RESULT 397
US-09-401-063-134/C
Sequence 134, Application US/09401063
Patent No. 6623962
GENERAL INFORMATION:
APPLICANT: Akhtar, Saghir
APPLICANT: Fell, Patricia
APPLICANT: McSwigen, James
TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
TITLE OF INVENTION: FACTOR RECEPTORS
NUMBER OF SEQUENCES: 1877
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/401,063
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/985,162
FILING DATE: 04 December 1997
APPLICATION NUMBER: 60/036,476
FILING DATE: 31 January 1997
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 230/107
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 134:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-401-063-134

Query Match 3.9%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 2.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 717 GGAGAGTGACTCT 729
Db 16 GGAGAGTGACTCT 4

RESULT 398
US-09-401-063-336

;; PRIOR APPLICATION NUMBER: PCT/US01/00668
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00663
;; PRIOR FILING DATE: 2001-01-30
;; Remaining Prior Application data removed - See File Wrapper or PALM.
;; NUMBER OF SEQ ID NOS: 15755
;; SOFTWARE: Acomica Sequence Listing Engine
;; Patent No. 6686188
;; SEQ ID NO 6051
;; LENGTH: 17
;; TYPE: DNA
;; ORGANISM: Homo sapiens
US-09-866-108A-6052

Query Match 3.9%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 2.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 831 CTCCTTTCTCTC 843
DB 15 CTCCTTTCTCTC 3

RESULT 401
US-09-866-108A-6052/c
;; Sequence 6052, Application US/09866108A
;; Patent No. 6686188
;; GENERAL INFORMATION:
;; APPLICANT: GU, Yizhong
;; APPLICANT: JI, Yonggang
;; APPLICANT: PENN, Sharron G.
;; APPLICANT: HANZEL, David K.
;; APPLICANT: RANK, David R.
;; APPLICANT: CHEN, Wensheng
;; APPLICANT: SHANNON, Mark
;; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
;; FILE REFERENCE: ACOMICA-7
;; CURRENT APPLICATION NUMBER: US/09/866,108A
;; CURRENT FILING DATE: 2001-05-25
;; PRIOR APPLICATION NUMBER: US 60/207,456
;; PRIOR FILING DATE: 2000-05-26
;; PRIOR APPLICATION NUMBER: GB 24263.6
;; PRIOR FILING DATE: 2000-10-04
;; PRIOR APPLICATION NUMBER: US 60/236,359
;; PRIOR FILING DATE: 2000-09-27
;; PRIOR APPLICATION NUMBER: PCT/US01/00666
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00667
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00664
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00669
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00665
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00668
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00663
;; Remaining Prior Application data removed - See File Wrapper or PALM.
;; SOFTWARE: Acomica Sequence Listing Engine
;; Patent No. 6686188
;; SEQ ID NO 6052
;; LENGTH: 17
;; TYPE: DNA
;; ORGANISM: Homo sapiens
US-09-866-108A-6052

Query Match 3.9%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 2.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 831 CTCCTTTCTCTC 843
DB 14 CTCCTTTCTCTC 2

RESULT 402
US-09-866-108A-6053/c
;; Sequence 6053, Application US/09866108A
;; Patent No. 6686188
;; GENERAL INFORMATION:
;; APPLICANT: GU, Yizhong
;; APPLICANT: JI, Yonggang
;; APPLICANT: PENN, Sharron G.
;; APPLICANT: HANZEL, David K.
;; APPLICANT: RANK, David R.
;; APPLICANT: CHEN, Wensheng
;; APPLICANT: SHANNON, Mark
;; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
;; FILE REFERENCE: ACOMICA-7
;; CURRENT APPLICATION NUMBER: US/09/866,108A
;; CURRENT FILING DATE: 2001-05-25
;; PRIOR APPLICATION NUMBER: US 60/207,456
;; PRIOR FILING DATE: 2000-05-26
;; PRIOR APPLICATION NUMBER: GB 24263.6
;; PRIOR FILING DATE: 2000-10-04
;; PRIOR APPLICATION NUMBER: US 60/236,359
;; PRIOR FILING DATE: 2000-09-27
;; PRIOR APPLICATION NUMBER: PCT/US01/00666
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00667
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00664
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00669
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00665
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00668
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00663
;; Remaining Prior Application data removed - See File Wrapper or PALM.
;; SOFTWARE: Acomica Sequence Listing Engine
;; Patent No. 6686188
;; SEQ ID NO 6053
;; LENGTH: 17
;; TYPE: DNA
;; ORGANISM: Homo sapiens
US-09-866-108A-6053

Query Match 3.9%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 2.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 831 CTCCTTTCTCTC 843
DB 13 CTCCTTTCTCTC 1

RESULT 403
US-09-866-108A-8905
;; Sequence 8905, Application US/09866108A
;; Patent No. 6686188
;; GENERAL INFORMATION:
;; APPLICANT: GU, Yizhong
;; APPLICANT: JI, Yonggang
;; APPLICANT: PENN, Sharron G.
;; APPLICANT: HANZEL, David K.
;; APPLICANT: RANK, David R.
;; APPLICANT: CHEN, Wensheng
;; APPLICANT: SHANNON, Mark
;; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aemica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 8905
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-8905

Query Match 3.9%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 2.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 708 CGAGTCCCGAGG 720
|||||
Db 4 CGAGTCCCGAGG 16

RESULT 404
US-09-866-108A-9913
Sequence 9913, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Shaaron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aemica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 9914
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-9914

Query Match 3.9%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 2.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aemica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 9913
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-9913

Query Match 3.9%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 2.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 703 TCCAGCGAGTCCC 715
|||||
Db 5 TCCAGCGAGTCCC 17

RESULT 405
US-09-866-108A-9914
Sequence 9914, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Shaaron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aemica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 9914
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-9914

Query Match 3.9%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 2.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```
Qy 703 TCCAGCGAGTCCC 715
Db 4 TCTGCGAGTCCC 16

RESULT 406
US-09-866-108A-9915
; Sequence 9915, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 9915
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-9916

Query Match 3.9%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 2.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 703 TCCAGCGAGTCCC 715
Db 2 TCTGCGAGTCCC 14

RESULT 408
US-09-866-108A-9917
; Sequence 9917, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30

Qy 703 TCCAGCGAGTCCC 715
Db 3 TCTGCGAGTCCC 15

RESULT 407
US-09-866-108A-9916
; Sequence 9916, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30

Query Match 3.9%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 2.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 703 TCCAGCGAGTCCC 715
Db 3 TCTGCGAGTCCC 15

RESULT 407
US-09-866-108A-9916
; Sequence 9916, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
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PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aeonica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 9917
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-9917

Query Match 3.9%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 2.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 703 TCCAGCGAGTCCC 715
DB 1 TCTGCGAGTCCC 13

RESULT 409
US-09-866-108A-10681
Sequence 10681, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aeonica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 10682
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-10682

Query Match 3.9%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 2.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 928 CCACCTCCAGAG 940
DB 5 CCACCTCCAGAG 17

RESULT 410
US-09-866-108A-10682
Sequence 10682, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aeonica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 10682
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-10682

Query Match 3.9%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 2.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 928 CCACCTCCAGAG 940
DB 4 CCACCTCCAGAG 16

RESULT 411
US-09-866-108A-10683
Sequence 10683, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng

```
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ FILE REFERENCE: AEOMICA-7
/ CURRENT APPLICATION NUMBER: US/09/866,108A
/ PRIOR FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Aeomica Sequence Listing Engine
/ Patent No. 6686188
/ SEQ ID NO 10683
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-866-108A-10683
```

```
Query Match 3.9%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 2.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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```
Qy 928 CCACCTCCAGAG 940
Db 3 CCACCTCAAGAG 15
```

```
RESULT 412
US-09-866-108A-10684
/ Sequence 10684, Application US/09866108A
/ Patent No. 6686188
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharron G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ FILE REFERENCE: AEOMICA-7
/ CURRENT APPLICATION NUMBER: US/09/866,108A
/ PRIOR FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
```

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/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Aeomica Sequence Listing Engine
/ Patent No. 6686188
/ SEQ ID NO 10684
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-866-108A-10684
```

```
Query Match 3.9%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 2.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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```
Qy 928 CCACCTCCAGAG 940
Db 2 CCACCTCAAGAG 14
```

```
RESULT 413
US-09-866-108A-10685
/ Sequence 10685, Application US/09866108A
/ Patent No. 6686188
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharron G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ FILE REFERENCE: AEOMICA-7
/ CURRENT APPLICATION NUMBER: US/09/866,108A
/ CURRENT FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Aeomica Sequence Listing Engine
/ Patent No. 6686188
/ SEQ ID NO 10685
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-866-108A-10685
```

```
Query Match 3.9%; Score 11.4; DB 1; Length 17;
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```
Best Local Similarity 92.3%; Pred. No. 2.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 928 CCACCTCCAGAG 940
Db 1 CCACCTCAGAG 13

RESULT 414
PCT-US93-00977-101
; Sequence 101, Application PC/TUS9300977
; GENERAL INFORMATION:
; TITLE OF INVENTION: METHOD AND REAGENT FOR MEASURING MESSENGER RNA
; NUMBER OF SEQUENCES: 711
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Knobbe, Martens, Olson, and Bear
; STREET: 620 Newport Center Dr. Sixteenth Floor
; CITY: Newport Beach
; STATE: CA
; COUNTRY: USA
; ZIP: 92660
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US93/00977
; FILING DATE: 19930129
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Altman, Daniel E.
; REGISTRATION NUMBER: 34,115
; REFERENCE/DOCKET NUMBER: HITACHI.006H
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 714-760-0404
; TELEFAX: 714-760-9502
; INFORMATION FOR SEQ ID NO: 101:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17
; TYPE: NUCLEIC ACID
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: cdna to mRNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; PCT-US93-00977-101

Query Match 3.9%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 2.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 710 AGTCCAGAG 722
Db 1 AGTCCAGAG 13

RESULT 415
PCT-US93-00977-112
; Sequence 112, Application PC/TUS9300977
; GENERAL INFORMATION:
; TITLE OF INVENTION: METHOD AND REAGENT FOR MEASURING MESSENGER RNA
; NUMBER OF SEQUENCES: 711
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Knobbe, Martens, Olson, and Bear
; STREET: 620 Newport Center Dr. Sixteenth Floor
; CITY: Newport Beach
; STATE: CA
; COUNTRY: USA
; ZIP: 92660
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US93/00977
; FILING DATE: 19930129
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Altman, Daniel E.
; REGISTRATION NUMBER: 34,115
; REFERENCE/DOCKET NUMBER: HITACHI.006H
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 714-760-0404
; TELEFAX: 714-760-9502
; INFORMATION FOR SEQ ID NO: 112:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17
; TYPE: NUCLEIC ACID
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: cdna to mRNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; PCT-US93-00977-112

Query Match 3.9%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 2.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 710 AGTCCAGAG 722
Db 1 AGTCCAGAG 13

RESULT 416
PCT-US93-00977-113
; Sequence 113, Application PC/TUS9300977
; GENERAL INFORMATION:
; TITLE OF INVENTION: METHOD AND REAGENT FOR MEASURING MESSENGER RNA
; NUMBER OF SEQUENCES: 711
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Knobbe, Martens, Olson, and Bear
; STREET: 620 Newport Center Dr. Sixteenth Floor
; CITY: Newport Beach
; STATE: CA
; COUNTRY: USA
; ZIP: 92660
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US93/00977
; FILING DATE: 19930129
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Altman, Daniel E.
; REGISTRATION NUMBER: 34,115
; REFERENCE/DOCKET NUMBER: HITACHI.006H
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 714-760-0404
; TELEFAX: 714-760-9502
; INFORMATION FOR SEQ ID NO: 113:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17
; TYPE: NUCLEIC ACID
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: cdna to mRNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; PCT-US93-00977-113
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US93/00977
FILING DATE: 19930129
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Altman, Daniel E.
REGISTRATION NUMBER: 34,115
REFERENCE/DOCKET NUMBER: HITACHI.006H
TELECOMMUNICATION INFORMATION:
TELEPHONE: 714-760-0404
TELEFAX: 714-760-9502
INFORMATION FOR SEQ ID NO: 112:
SEQUENCE CHARACTERISTICS:
LENGTH: 17
TYPE: NUCLEIC ACID
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: cdna to mRNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
PCT-US93-00977-112

Query Match 3.9%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 2.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 710 AGTCCAGAG 722
Db 1 AGTCCAGAG 13

RESULT 416
PCT-US93-00977-113
; Sequence 113, Application PC/TUS9300977
; GENERAL INFORMATION:
; TITLE OF INVENTION: METHOD AND REAGENT FOR MEASURING MESSENGER RNA
; NUMBER OF SEQUENCES: 711
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Knobbe, Martens, Olson, and Bear
; STREET: 620 Newport Center Dr. Sixteenth Floor
; CITY: Newport Beach
; STATE: CA
; COUNTRY: USA
; ZIP: 92660
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US93/00977
; FILING DATE: 19930129
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Altman, Daniel E.
; REGISTRATION NUMBER: 34,115
; REFERENCE/DOCKET NUMBER: HITACHI.006H
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 714-760-0404
; TELEFAX: 714-760-9502
; INFORMATION FOR SEQ ID NO: 113:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17
; TYPE: NUCLEIC ACID
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: cdna to mRNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; PCT-US93-00977-113
```

Query Match 3.9%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 2.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 710 AGTCCAGAGAG 722
Db 1 AGTCCAGAGAG 13

RESULT 417

US-08-348-548-107/c
; Sequence 107, Application US/08348548
; Patent No. 6258529
; GENERAL INFORMATION:
; APPLICANT: Berdoz, Jose
; APPLICANT: Kraehenbuhl, Jean Pierre
; TITLE OF INVENTION: PCR AMPLIFICATION OF REARRANGED GENOMIC
; TITLE OF INVENTION: VARIABLE REGIONS OF IMMUNOGLOBULIN GENES
; NUMBER OF SEQUENCES: 108
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson
; STREET: 225 Franklin Street, Suite 3100
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02110-2804
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30B
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/348,548
; FILING DATE: 01-DEC-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Clark, Paul T.
; REGISTRATION NUMBER: 30,162
; REFERENCE/DOCKET NUMBER: 06132/009001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 542-5070
; TELEFAX: (617) 542-5070
; TELEX: 200154
; INFORMATION FOR SEQ ID NO: 107:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
PCT-US95-15716-107

Query Match 3.9%; Score 11.4; DB 1; Length 19;
Best Local Similarity 92.3%; Pred. No. 3.4e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 721 AGTGACTCTGGTC 733
Db 13 AGGACTCTGGTC 1

RESULT 419

US-08-757-024-407/c
; Sequence 407, Application US/08757024
; Patent No. 6025339
; GENERAL INFORMATION:
; APPLICANT: Nyce, Jonathan W.
; TITLE OF INVENTION: METHOD OF TREATMENT FOR ASTHMA
; NUMBER OF SEQUENCES: 952
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BELL, SELTZER, PARK & GIBSON
; STREET: P.O. Drawer 34009
; CITY: Charlotte
; STATE: No. 6025339th Carolina
; COUNTRY: USA
; ZIP: 28234
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/757,024
; FILING DATE: 26-NOV-1996
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Sibley, Kenneth D.
; REGISTRATION NUMBER: 31,665
; REFERENCE/DOCKET NUMBER: 5218-41
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 919-881-3140
; TELEFAX: 919-881-3175
; TELEX: 575102
; INFORMATION FOR SEQ ID NO: 407:

Query Match 3.9%; Score 11.4; DB 1; Length 19;
Best Local Similarity 92.3%; Pred. No. 3.4e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 721 AGTGACTCTGGTC 733
Db 13 AGGACTCTGGTC 1

RESULT 418

PCT-US95-15716-107/c
; Sequence 107, Application PC/TUS9515716
; GENERAL INFORMATION:
; APPLICANT: Berdoz, Jose
; APPLICANT: Kraehenbuhl, Jean Pierre
; TITLE OF INVENTION: PCR AMPLIFICATION OF REARRANGED GENOMIC
; TITLE OF INVENTION: VARIABLE REGIONS OF IMMUNOGLOBULIN GENES
; NUMBER OF SEQUENCES: 108
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson
; STREET: 225 Franklin Street, Suite 3100
; CITY: Boston

```
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-757-024-407

Query Match          3.9%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 2.7e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 807 CTTCAACTCAGGTT 822
Db 16 CTTCACTCAGCTTT 1

RESULT 420
US-09-415-784-85
; Sequence 85, Application US/09415784
; Patent No. 6391632
; GENERAL INFORMATION:
; APPLICANT: Dubensky Jr., Thomas W.
; POLLO, John M.
; Belli, Barbara A.
; Schlesinger, Sondra
; Dryga, Sergey A.
; Frolov, Ilya
; TITLE OF INVENTION: RECOMBINANT ALPHAVIRUS-BASED VECTORS
; WITH REDUCED INHIBITION OF CELLULAR MACRO-MOLECULAR
; SYNTHESIS
; NUMBER OF SEQUENCES: 125
; CORRESPONDENCE ADDRESS:
; ADDRESS: Seed Intellectual Property Law Group PLLC
; STREET: 701 Fifth Avenue, Suite 6300
; CITY: Seattle
; STATE: Washington
; COUNTRY: USA
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/415,784
; FILING DATE: 08-Oct-1999
; CLASSIFICATION: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: McMasters, David D.
; REGISTRATION NUMBER: 33,963
; REFERENCE/DOCKET NUMBER: 930049.457D1 /1196.006
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 85:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 85:
US-09-415-784-85

Query Match          3.9%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 2.7e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 873 CACTTTCCTGAGATGC 888
Db 1 CACGGTCTCAGGTC 16

RESULT 422
US-08-944-465-85
; Sequence 85, Application US/08944465
; Patent No. 6451592
; GENERAL INFORMATION:
; APPLICANT: Dubensky Jr., Thomas W.
; POLLO, John M.
; Belli, Barbara A.
; Schlesinger, Sondra
; Dryga, Sergey A.
; Frolov, Ilya
; TITLE OF INVENTION: RECOMBINANT ALPHAVIRUS-BASED VECTORS
; WITH REDUCED INHIBITION OF CELLULAR MACRO-MOLECULAR
; SYNTHESIS
; NUMBER OF SEQUENCES: 125
; CORRESPONDENCE ADDRESS:
; ADDRESS: Seed Intellectual Property Law Group PLLC
```

```
RESULT 421
US-09-415-785A-85
; Sequence 85, Application US/09415785A
; Patent No. 6426196
; GENERAL INFORMATION:
; APPLICANT: Dubensky Jr., Thomas W.
; POLLO, John M.
; Belli, Barbara A.
; Schlesinger, Sondra
; Dryga, Sergey A.
; Frolov, Ilya
; TITLE OF INVENTION: RECOMBINANT ALPHAVIRUS-BASED VECTORS
; WITH REDUCED INHIBITION OF CELLULAR MACRO-MOLECULAR
; SYNTHESIS
; NUMBER OF SEQUENCES: 125
; CORRESPONDENCE ADDRESS:
; ADDRESS: Seed Intellectual Property Law Group PLLC
; STREET: 701 Fifth Avenue, Suite 6300
; CITY: Seattle
; STATE: Washington
; COUNTRY: USA
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/415,785A
; FILING DATE: 08-Oct-1999
; CLASSIFICATION: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: McMasters, David D.
; REGISTRATION NUMBER: 33,963
; REFERENCE/DOCKET NUMBER: 930049.457D1 /1196.006
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 85:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 85:
US-09-415-785A-85

Query Match          3.9%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 2.7e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 873 CACTTTCCTGAGATGC 888
Db 1 CACGGTCTCAGGTC 16

RESULT 422
US-08-944-465-85
; Sequence 85, Application US/08944465
; Patent No. 6451592
; GENERAL INFORMATION:
; APPLICANT: Dubensky Jr., Thomas W.
; POLLO, John M.
; Belli, Barbara A.
; Schlesinger, Sondra
; Dryga, Sergey A.
; Frolov, Ilya
; TITLE OF INVENTION: RECOMBINANT ALPHAVIRUS-BASED VECTORS
; WITH REDUCED INHIBITION OF CELLULAR MACRO-MOLECULAR
; SYNTHESIS
; NUMBER OF SEQUENCES: 125
; CORRESPONDENCE ADDRESS:
; ADDRESS: Seed Intellectual Property Law Group PLLC
```



```
; STREET: 701 Fifth Avenue, Suite 6300
; CITY: Seattle
; STATE: Washington
; COUNTRY: USA
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/944,465
; FILING DATE: 06-Oct-1997
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: McMasters, David D.
; REGISTRATION NUMBER: 33,963
; REFERENCE/DOCKET NUMBER: 930049.457C4 / 1196.005
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 85:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-944-465-85

Query Match          3.9%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 2.7e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      873  CACTTTCCTGAGATGC 888
      ||| ||||| |||
Db      1  CACGGTCTCGAGGTGC 16

RESULT 423
US-09-415-868-85
; Sequence 85, Application US/09415868
; Patent No. 6458560
; GENERAL INFORMATION:
; APPLICANT: Dubensky Jr., Thomas W.
; APPLICANT: Polo, John M.
; APPLICANT: Belli, Barbara A.
; APPLICANT: Schlesinger, Sondra
; APPLICANT: Dryga, Sergey A.
; APPLICANT: Frolov, Ilva
; TITLE OF INVENTION: RECOMBINANT ALPHAVIRUS-BASED VECTORS
; TITLE OF INVENTION: WITH REDUCED INHIBITION OF CELLULAR MACRO-MOLECULAR
; NUMBER OF SEQUENCES: 125
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Seed Intellectual Property Law Group PLLC
; STREET: 701 Fifth Avenue, Suite 6300
; CITY: Seattle
; STATE: Washington
; COUNTRY: USA
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/944,465
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/944,465
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
```

```
; NAME: McMasters, David D.
; REGISTRATION NUMBER: 33,963
; REFERENCE/DOCKET NUMBER: 930049.457C4 / 1196.005
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 85:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-415-868-85

Query Match          3.9%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 2.7e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      873  CACTTTCCTGAGATGC 888
      ||| ||||| |||
Db      1  CACGGTCTCGAGGTGC 16

RESULT 424
US-09-415-900-85
; Sequence 85, Application US/09415900
; Patent No. 6465634
; GENERAL INFORMATION:
; APPLICANT: Dubensky Jr., Thomas W.
; APPLICANT: Polo, John M.
; APPLICANT: Belli, Barbara A.
; APPLICANT: Schlesinger, Sondra
; APPLICANT: Dryga, Sergey A.
; APPLICANT: Frolov, Ilva
; TITLE OF INVENTION: RECOMBINANT ALPHAVIRUS-BASED VECTORS
; TITLE OF INVENTION: WITH REDUCED INHIBITION OF CELLULAR MACRO-MOLECULAR
; NUMBER OF SEQUENCES: 125
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Seed Intellectual Property Law Group PLLC
; STREET: 701 Fifth Avenue, Suite 6300
; CITY: Seattle
; STATE: Washington
; COUNTRY: USA
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/415,900
; FILING DATE: 08-Oct-1999
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: McMasters, David D.
; REGISTRATION NUMBER: 33,963
; REFERENCE/DOCKET NUMBER: 930049.457D4
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 85:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-415-900-85

Query Match          3.9%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 2.7e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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QY 873 CACTTCTGAGATGC 888
DB 1 CACGGTCTGAGGTGC 16

RESULT 425
US-09-507-362-85
; Sequence 85, Application US/09507362
; Patent No. 6592874
; GENERAL INFORMATION:
; APPLICANT: Dubensky Jr., Thomas W.
; Polo, John M.
; Belli, Barbara A.
; Schlesinger, Sondra
; Dryga, Sergey A.
; Frolov, Ilya
; TITLE OF INVENTION: RECOMBINANT ALPHAVIRUS-BASED VECTORS
; WITH REDUCED INHIBITION OF CELLULAR MACRO-MOLECULAR
; SYNTHESIS
; NUMBER OF SEQUENCES: 125
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Seed Intellectual Property Law Group PLLC
; STREET: 701 Fifth Avenue, Suite 6300
; CITY: Seattle
; STATE: Washington
; COUNTRY: USA
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/507,362
; FILING DATE: 18-Feb-2000
; CLASSIFICATION: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: McMasters, David D.
; REGISTRATION NUMBER: 33,963
; REFERENCE/DOCKET NUMBER: 930049,457D6 /1196.011
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 622-6031
; INFORMATION FOR SEQ ID NO: 85:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 85:
US-09-507-362-85
Query Match 3.9%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 2.7e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 873 CACTTCTGAGATGC 888
DB 1 CACGGTCTGAGGTGC 16

RESULT 426
US-09-798-542-14
; Sequence 14, Application US/09798542
; Patent No. 6685948
; GENERAL INFORMATION:
; APPLICANT: Zeng, Lingling
; APPLICANT: Markoff, Lewis
; TITLE OF INVENTION: REPLICATION-DEFECTIVE DENGUE VIRUSES
; TITLE OF INVENTION: THAT ARE REPLICATION-DEFECTIVE IN MOSQUITOES FOR USE AS
; TITLE OF INVENTION: VACCINES
; FILE REFERENCE: NIH145.001C1
; CURRENT APPLICATION NUMBER: US/09/798,542

QY 873 CACTTCTGAGGTGC 752
DB 1 GGACCAGUAGGGUCC 16

RESULT 427
US-08-373-124A-1575/c
; Sequence 1575, Application US/08373124A
; Patent No. 5646042
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: Storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/373,124A
; FILING DATE: January 13, 1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1575:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid

STRANDEDNESS: single
TOPOLOGY: linear
US-08-373-124A-1575

Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 3e+02; 3; Indels 0; Gaps 0;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 707 GCGAGTCCCGAGGAG 722
Db 17 GCGAGTCCCGAGGAG 2

RESULT 428

US-08-435-628-1575/c
Sequence 1575, Application US/08435628
Patent No. 5817796
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwiggen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/435,628
FILING DATE: 05-MAY-1995

CLASSIFICATION: 514
PRIOR APPLICATION: 514
APPLICATION NUMBER: 08/373,124
FILING DATE: January 13, 1995
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 1575:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-435-628-1575

Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 3e+02; 3; Indels 0; Gaps 0;

Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 707 GCGAGTCCCGAGGAG 722
Db 17 GCGAGTCCCGAGGAG 2

RESULT 429

US-08-390-850-540
Sequence 540, Application US/08390850
Patent No. 5612215
GENERAL INFORMATION:
APPLICANT: Draper, Kenneth G.
APPLICANT: Pavco, Pamela
APPLICANT: McSwiggen, James
APPLICANT: Gustofson, John
APPLICANT: Stinchcomb, Dan T.
TITLE OF INVENTION: METHOD AND REAGENT FOR TREATMENT
OF ARTHRITIC CONDITIONS
NUMBER OF SEQUENCES: 1151
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/390,850
FILING DATE: February 17, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/354,920
FILING DATE: December 13, 1994
APPLICATION NUMBER: 08/152,487
FILING DATE: No. 5612215ember 12, 1993
APPLICATION NUMBER: 07/989,848
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 211/084
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 540:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-390-850-540

Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 50.0%; Pred. No. 3e+02; 3; Indels 0; Gaps 0;
Matches 8; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

QY 837 TCTTCTCTGAAGACAG 852
Db 2 UGUUUUUUAAGACAG 17

RESULT 430

US-08-390-850-541
Sequence 541, Application US/08390850
Patent No. 5612215

```

; GENERAL INFORMATION:
; APPLICANT: Draper, Kenneth G.
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Gustofson, John
; APPLICANT: Stinchcomb, Dan T.
; TITLE OF INVENTION: METHOD AND REAGENT FOR TREATMENT
; OF ARTHRITIC CONDITIONS
; NUMBER OF SEQUENCES: 1151
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSEQ Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/390,850
; FILING DATE: February 17, 1995
; PRIORITY APPLICATION DATA:
; APPLICATION NUMBER: 08/354,920
; FILING DATE: December 13, 1994
; APPLICATION NUMBER: 08/152,487
; FILING DATE: December 13, 1994
; APPLICATION NUMBER: 08/152,487
; FILING DATE: December 12, 1993
; APPLICATION NUMBER: 07/989,848
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 211/084
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 541:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-390-850-541

Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 50.0%; Pred. No. 36+02;
Matches 8; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

QY 837 TCTTCTGAGACAG 852
Db 1 UGUUCUUUAAAGACAG 16

RESULT 431
US-08-390-850-567/c
; Sequence 567, Application US/08390850
; Patent No. 5612215
; GENERAL INFORMATION:
; APPLICANT: Draper, Kenneth G.
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Gustofson, John
; APPLICANT: Stinchcomb, Dan T.
; TITLE OF INVENTION: METHOD AND REAGENT FOR TREATMENT
; OF ARTHRITIC CONDITIONS
; NUMBER OF SEQUENCES: 1151
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon

```

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; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSEQ Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/390,850
; FILING DATE: February 17, 1995
; PRIORITY APPLICATION DATA:
; APPLICATION NUMBER: 08/354,920
; FILING DATE: December 13, 1994
; APPLICATION NUMBER: 08/152,487
; FILING DATE: December 12, 1993
; APPLICATION NUMBER: 07/989,848
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 211/084
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 567:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-390-850-567

Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 36+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 769 CCACTTCTGAGGCGAG 784
Db 17 CCACTGCTGAGGAGAG 2

RESULT 432
US-08-373-124A-542
; Sequence 542, Application US/08373124A
; Patent No. 5646042
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0

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RESULT 433
US-08-373-124A-544/c
; Sequence 544, Application US/08373124A
; Patent No. 5646042
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/373,124A
; FILING DATE: January 13, 1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994

```

RESULT 434
US-08-373-124A-1585/c
; Sequence 1585, Application US/08373124A
; Patent No. 5646042
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LYON & LYON
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/373,124A
; FILING DATE: January 13, 1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:

TELEPHONE: (213) 489-1500
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1585:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-373-124A-1585

Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 874 ACTTCTGAGTGA 889
Db 17 AATTCTTGAGCTGA 2

RESULT 435

US-08-373-124A-1617/C
Sequence 1617, Application US/08373124A
Patent No. 5646042
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwiggen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Suite 4700
STATE: Los Angeles
COUNTRY: California
ZIP: 90071

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/373,124A
FILING DATE: January 13, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1617:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

US-08-373-124A-1617

Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 803 CTCTCTCCAACTCAG 818
Db 17 CTCTCTTGAACTCAG 2

RESULT 436

US-08-373-124A-1619/C
Sequence 1619, Application US/08373124A
Patent No. 5646042
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwiggen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Suite 4700
STATE: Los Angeles
COUNTRY: California
ZIP: 90071

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/373,124A
FILING DATE: January 13, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1619:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

US-08-373-124A-1619

Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 803 CTCTCTCCAACTCAG 818
Db 16 CTCTCTTGAACTCAG 1

```

RESULT 437
US-08-435-634-540
; Sequence 540, Application US/08435634
; Patent No. 5731295
; GENERAL INFORMATION:
; APPLICANT: Draper, Kenneth G.
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Gustofson, John
; APPLICANT: Stinchcomb, Dan T.
; TITLE OF INVENTION: METHOD AND REAGENT FOR TREATMENT
; NUMBER OF SEQUENCES: 1151
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; COUNTRY: California
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/435,634
; FILING DATE: 05-MAY-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/390,850
; FILING DATE: February 17, 1995
; APPLICATION NUMBER: 08/354,920
; FILING DATE: December 13, 1994
; APPLICATION NUMBER: 08/152,487
; FILING DATE: No. 5731295ember 12, 1993
; APPLICATION NUMBER: 07/989,848
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 211/084
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 540:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-435-634-540

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```

Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 50.0%; Pred. No. 3e+02;
Matches 8; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

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Qy 837 TCTTCTCTGAAGACAG 852
Db 2 UGUUUCUUAAAGACAG 17
;::: : |||||

```

```

RESULT 438
US-08-435-634-541
; Sequence 541, Application US/08435634
; Patent No. 5731295
; GENERAL INFORMATION:
; APPLICANT: Draper, Kenneth G.

```

```

; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Gustofson, John
; APPLICANT: Stinchcomb, Dan T.
; TITLE OF INVENTION: METHOD AND REAGENT FOR TREATMENT
; NUMBER OF SEQUENCES: 1151
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; COUNTRY: California
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/435,634
; FILING DATE: 05-MAY-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/390,850
; FILING DATE: February 17, 1995
; APPLICATION NUMBER: 08/354,920
; FILING DATE: December 13, 1994
; APPLICATION NUMBER: 08/152,487
; FILING DATE: No. 5731295ember 12, 1993
; APPLICATION NUMBER: 07/989,848
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 211/084
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 541:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-435-634-541

```

```

Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 50.0%; Pred. No. 3e+02;
Matches 8; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

```

```

Qy 837 TCTTCTCTGAAGACAG 852
Db 1 UGUUUCUUAAAGACAG 16
;::: : |||||

```

```

RESULT 439
US-08-435-634-567/c
; Sequence 567, Application US/08435634
; Patent No. 5731295
; GENERAL INFORMATION:
; APPLICANT: Draper, Kenneth G.
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Gustofson, John
; APPLICANT: Stinchcomb, Dan T.
; TITLE OF INVENTION: METHOD AND REAGENT FOR TREATMENT
; NUMBER OF SEQUENCES: 1151
; CORRESPONDENCE ADDRESS:

```

ADDRESSER: Lyon & Lyon
 STREET: 633 West Fifth Street
 STREET: Suite 4700
 CITY: Los Angeles
 STATE: California
 COUNTRY: U.S.A.
 ZIP: 90071

COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 MEDIUM TYPE: storage
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: IBM P.C. DOS 5.0
 SOFTWARE: FastSeq Version 1.5
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/435,634
 FILING DATE: 05-MAY-1995
 CLASSIFICATION: 514
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/390,850
 FILING DATE: February 17, 1995
 APPLICATION NUMBER: 08/354,920
 FILING DATE: December 13, 1994
 APPLICATION NUMBER: 08/152,487
 FILING DATE: No. 5732956mber 12, 1993
 APPLICATION NUMBER: 07/989,848
 FILING DATE: December 7, 1992
 ATTORNEY/AGENT INFORMATION:
 NAME: Warburg, Richard
 REGISTRATION NUMBER: 32,327
 REFERENCE/DOCKET NUMBER: 211/084
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (213) 489-1600
 TELEFAX: (213) 955-0440
 TELEX: 67-3510
 INFORMATION FOR SEQ ID NO: 567:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 17 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear

US-08-435-634-567

Query Match 3.9%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 3e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 769 CCACCTCTGAGGCAG 784
 Db 17 CCACCTCTGAGGAAG 2

RESULT 440
 US-08-758-306-1019
 Sequence 1019, Application US/08758306
 Patent No. 5807743
 GENERAL INFORMATION:
 APPLICANT: Stinchcomb, Dan T.
 APPLICANT: McSwigen, James A.
 TITLE OF INVENTION: METHOD AND REAGENT FOR THE
 TITLE OF INVENTION: TREATMENT OF DISEASES
 TITLE OF INVENTION: ASSOCIATED WITH
 TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR
 TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION
 NUMBER OF SEQUENCES: 1379
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Lyon & Lyon
 STREET: 633 West Fifth Street
 CITY: Suite 4700
 CITY: Los Angeles
 STATE: California
 COUNTRY: U.S.A.
 ZIP: 90071-2066
 COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 MEDIUM TYPE: storage
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: IBM P.C. DOS 5.0
 SOFTWARE: FastSeq Version 1.5
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/758,306
 FILING DATE: December 3, 1996
 CLASSIFICATION: 514
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER:
 FILING DATE:
 ATTORNEY/AGENT INFORMATION:
 NAME: Warburg, Richard J.
 REGISTRATION NUMBER: 32,327
 REFERENCE/DOCKET NUMBER: 212/132
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (213) 489-1600
 TELEFAX: (213) 955-0440
 TELEX: 67-3510
 INFORMATION FOR SEQ ID NO: 1019:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 17 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear

US-08-758-306-1019

Query Match 3.9%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 75.0%; Pred. No. 3e+02;
 Matches 12; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

Qy 752 CCAGGGTCCTAGGCC 767
 Db 2 CCACGGUCCCCAUGCC 17

RESULT 441
 US-08-435-628-542
 Sequence 542, Application US/08435628
 Patent No. 5817796
 GENERAL INFORMATION:
 APPLICANT: Stinchcomb, Dan T.
 APPLICANT: Draper, Kenneth
 APPLICANT: McSwigen, James
 APPLICANT: Jarvis, Thale
 TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
 TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
 TITLE OF INVENTION: CANCER USING RIBOZYMES
 NUMBER OF SEQUENCES: 2627
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Lyon & Lyon
 STREET: 633 West Fifth Street
 CITY: Suite 4700
 CITY: Los Angeles
 STATE: California
 COUNTRY: U.S.A.
 ZIP: 90071
 COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 MEDIUM TYPE: storage
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: IBM P.C. DOS 5.0
 SOFTWARE: word Perfect 5.1
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/435,628
 FILING DATE: 05-MAY-1995
 CLASSIFICATION: 514
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/373,124
 FILING DATE: January 13, 1995
 APPLICATION NUMBER: 08/245,466
 FILING DATE: May 18, 1994

[illegible]

```
;
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1585:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-08-435-628-1585
Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 874 ACTTTCCTGAGATGCA 889
Db 17 AATTTCTTGAGCTGCA 2

RESULT 444
US-08-435-628-1617/c
; Sequence 1617, Application US/08435628
; Patent No. 5817796
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
;
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/435,628
FILING DATE: 05-MAY-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/373,124
FILING DATE: January 13, 1995
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1617:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
;
US-08-435-628-1617
Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 803 CTCCTCTCCAACTCAG 818
Db 17 CTCCTTGAAACTCAG 2

RESULT 445
US-08-435-628-1619/c
; Sequence 1619, Application US/08435628
; Patent No. 5817796
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
;
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/435,628
FILING DATE: 05-MAY-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/373,124
FILING DATE: January 13, 1995
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1619:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
;
US-08-435-628-1619
Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
 QY 803 CTCCTCTCAACTCAG 818
 ||||| |||||
 Db 16 CTCCTCTGAATCAG 1

RESULT 446

US-08-704-473-5
 ; Sequence 5, Application US/08704473
 ; Patent No. 5830850
 ; GENERAL INFORMATION:
 ; APPLICANT: Gelb, Bruce
 ; APPLICANT: Chapman, Harold
 ; APPLICANT: Desnick, Robert
 ; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
 ; TITLE OF INVENTION: THE TREATMENT OF BONE RESORPTIVE DISORDERS,
 ; TITLE OF INVENTION: INCLUDING OSTEOPOROSIS
 ; NUMBER OF SEQUENCES: 28
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Pennie & Edmonds LLP
 ; STREET: 1155 Avenue of the Americas
 ; CITY: New York
 ; STATE: New York
 ; COUNTRY: USA
 ; ZIP: 10036/2711

COMPUTER READABLE FORM:
 MEDIUM TYPE: Diskette
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: DOS
 SOFTWARE: Fast-SEQ Version 2.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/704,473
 FILING DATE: 28-AUG-1996

CLASSIFICATION: 435
 ATTORNEY/AGENT INFORMATION:
 NAME: Coruzzi, Laura A.
 REGISTRATION NUMBER: 30,742
 REFERENCE/DOCKET NUMBER: 6923-063
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 212-790-9090
 TELEFAX: 212-869-8864
 TELEX: 66141 PENNIE
 INFORMATION FOR SEQ ID NO: 5:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 17 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: DNA

US-08-704-473-5

Query Match 3.9%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 3e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 912 CAGATTATCATCAGCA 927
 ||||| |||||
 Db 1 CAGATTTCATCAGCA 16

RESULT 447

US-08-292-620A-1676
 ; Sequence 1676, Application US/08292620A
 ; Patent No. 5837542
 ; GENERAL INFORMATION:
 ; APPLICANT: Susan Grimm
 ; APPLICANT: Dan T. Stinchcomb
 ; APPLICANT: James McSwiggen
 ; APPLICANT: Sean Sullivan
 ; APPLICANT: Kenneth G. Draper
 ; TITLE OF INVENTION: RIBOZYME TREATMENT OF
 ; TITLE OF INVENTION: DISEASES OR CONDITIONS

; TITLE OF INVENTION: RELATED TO LEVELS OF
 ; TITLE OF INVENTION: INTRACELLULAR ADHESION
 ; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
 ; NUMBER OF SEQUENCES: 2390
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Lyon & Lyon
 ; STREET: 633 West Fifth Street
 ; CITY: Los Angeles
 ; STATE: California
 ; COUNTRY: U.S.A.
 ; ZIP: 90071-2066

COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 MEDIUM TYPE: storage
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: IBM P.C. DOS 5.0
 SOFTWARE: Word Perfect 5.1
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/292,620A
 FILING DATE: August 17, 1994

CLASSIFICATION: 435
 PRIOR APPLICATION DATA:
 PRIOR APPLICATION DATA: including application
 PRIOR APPLICATION DATA: described below:
 APPLICATION NUMBER: 08/008,895
 FILING DATE: January 19, 1993
 APPLICATION NUMBER: 07/989,849
 FILING DATE: December 7, 1992
 ATTORNEY/AGENT INFORMATION:
 NAME: Warburg, Richard J.
 REGISTRATION NUMBER: 32,327
 REFERENCE/DOCKET NUMBER: 208/149
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (213) 489-1600
 TELEFAX: (213) 955-0440
 TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 1676:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 17 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 US-08-292-620A-1676

two

Query Match 3.9%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 56.2%; Pred. No. 3e+02;
 Matches 9; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

QY 897 CTCAGCTTCTGCGATC 912
 ||||| |||||
 Db 2 CUCGGCUCUGCCACC 17

RESULT 448

US-08-967-101-164
 ; Sequence 164, Application US/08967101
 ; Patent No. 5840540
 ; GENERAL INFORMATION:
 ; APPLICANT: ST. GEORGE-HYSLOP, PETER H
 ; APPLICANT: ROMMENS, JOHANNA M
 ; APPLICANT: FRASER, PAUL E

; TITLE OF INVENTION: GENETIC SEQUENCES AND PROTEINS RELATED
 ; TITLE OF INVENTION: TO ALZHEIMER'S DISEASE
 ; NUMBER OF SEQUENCES: 183
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: TESTA, HURWITZ & THIBEAULT
 ; STREET: High Street Tower - 125 High Street
 ; CITY: Boston
 ; STATE: Massachusetts
 ; COUNTRY: U.S.A.
 ; ZIP: 02110

COMPUTER READABLE FORM:

nri.res

Mon Jul 12 11:21:16 2004

```

; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA: US/08/967,101
; FILING DATE: 10-NOV-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/592,541
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Pitcher, Edmund R.
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 248-7000
; TELEFAX: (617) 248-7100
; INFORMATION FOR SEQ ID NO: 164:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "primer"
; US-08-967-101-164

```

```

Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

```

```

QY 920 CATCACCACCCCTC 935
DB 1 CATCTCCACCCAGTTC 16

```

```

RESULT 449
US-08-223-355-25
; Sequence 25, Application US/08223355
; Patent No. 5854410
; GENERAL INFORMATION:
; APPLICANT: Arnold Jr., Lyle J.
; APPLICANT: Reynolds, Mark A.
; APPLICANT: Schwartz, David A.
; APPLICANT: Daily, William J.
; TITLE OF INVENTION: Oligonucleoside Cleavage Compounds and
; TITLES OF INVENTION: Therapies
; NUMBER OF SEQUENCES: 27
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 611 W. Sixth St.
; CITY: Los Angeles
; STATE: CA
; COUNTRY: USA
; ZIP: 90017
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/223,355
; FILING DATE: 31-MAR-1994
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: Meier, Paul H.
; REGISTRATION NUMBER: 32,274
; REFERENCE/DOCKET NUMBER: 200/069
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 213/489-1600
; TELEFAX: 213/955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 25:
; SEQUENCE CHARACTERISTICS:

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```

; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; HYPOTHETICAL: Yes
; ANTI-SENSE: Yes
; FEATURE:
; NAME/KEY: cleavage compound 1719-1
; IDENTIFICATION METHOD: complementarity to SEQ ID NO:2
; OTHER INFORMATION: cleavage by SEQ ID NO:2
; US-08-223-355-25

```

```

Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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QY 851 AGCGTCCTGGCTCCAG 866
DB 2 AGCTTCCTGGCTCTG 17

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```

RESULT 450
US-08-391-916A-11/c
; Sequence 11, Application US/08391916A
; Patent No. 5856169
; GENERAL INFORMATION:
; APPLICANT: Litwack, Gerald
; APPLICANT: Alnemri, Emad S.
; APPLICANT: Fernandez-Alnemri, Teresa
; TITLE OF INVENTION: ISOFORMS OF HUMAN INTERLEUKIN-1BETA CONVERTING
; TITLES OF INVENTION: ENZYME AND METHODS OF USING THE SAME
; NUMBER OF SEQUENCES: 25
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock, Washburn, Kurtz, Mackiewicz & No. 5856169ris
; STREET: One Liberty Place, 46th floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: Windows
; SOFTWARE: WordPerfect
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/391,916A
; FILING DATE: 21-FEB-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Deluca, Mark
; REGISTRATION NUMBER: 33,229
; REFERENCE/DOCKET NUMBER: TJU-1464
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; US-08-391-916A-11

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```

Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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```

QY 844 TGAAGACAGCGTCTCTG 859
DB 16 TGAAGACAGTCTCTG 1

```

```

RESULT 451
US-08-452-242-18
; Sequence 18, Application US/08452242
; Patent No. 5935795
; GENERAL INFORMATION:
; APPLICANT: LIN, LEU-FEN; COLLINS, FRANKLIN D.;
; APPLICANT: DOHERTY, DANIEL H.; LILE, JACK; BEKTESH,
; APPLICANT: SUSAN
; TITLE OF INVENTION: Glial Derived Neurotrophic Factor
; NUMBER OF SEQUENCES: 24
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Swanson & Bratschun, L.L.C.
; STREET: 8400 E. Prentice Avenue, Suite 200
; CITY: Englewood
; STATE: Colorado
; COUNTRY: USA
; ZIP: 80111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 inch, 1.44 MB storage
; COMPUTER: IBM compatible
; OPERATING SYSTEM: MS DOS
; SOFTWARE: Wordperfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/452,242
; FILING DATE: 26-MAY-1995
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/182,183
; FILING DATE: 23-MAY-1994
; APPLICATION NUMBER: 07/788,423
; FILING DATE: 06-NOV-1991
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/774,109
; FILING DATE: 08-OCT-1991
; APPLICATION NUMBER: 07/764,685
; FILING DATE: 20-SEP-1991
; APPLICATION NUMBER: 07/855,413
; FILING DATE: 19-MARCH-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Barry J. Swanson
; REGISTRATION NUMBER: 33,215
; REFERENCE/DOCKET NUMBER: SYNE-225C4
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (303) 793-3333
; TELEFAX: (303) 793-3433
; INFORMATION FOR SEQ ID NO: 18:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; FEATURE:
; NAME/KEY: oligonucleotide primer PD2
US-08-452-242-18
; Query Match 3.9%; Score 11.2; DB 1; Length 17;
; Best Local Similarity 81.2%; Pred. No. 3e+02;
; Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 841 CTCTGAAGACGCGTC 856
Db 1 CTCTGGAGCCAGGTC 16

RESULT 452
US-07-728-215-8
; Sequence 8, Application US/07728215
; Patent No. 5962643
; GENERAL INFORMATION:
; APPLICANT: Sheppard, Dean
; APPLICANT: Pytela, Robert
; TITLE OF INVENTION: Integrin Beta Subunit and Uses
; NUMBER OF SEQUENCES: 43
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pretty, Schroeder, Brueggemann & Clark
; STREET: 4370 La Jolla Village Drive, Suite 700
; CITY: San Diego
; STATE: California
; COUNTRY: United States of America
; ZIP: 92122
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/728,215
; FILING DATE: 19910711
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Campbell, Cathryn A.
; REGISTRATION NUMBER: 31,815
; REFERENCE/DOCKET NUMBER: P31 8717
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 535-9001
; TELEFAX: (619) 535-8949
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
US-07-728-215-8
; Query Match 3.9%; Score 11.2; DB 1; Length 17;
; Best Local Similarity 81.2%; Pred. No. 3e+02;
; Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 838 CTCTCTCTGAAGACGACG 853
Db 1 CATCTCGAAGACGCG 16

RESULT 453
US-07-728-215-9
; Sequence 9, Application US/07728215
; Patent No. 5962643
; GENERAL INFORMATION:
; APPLICANT: Sheppard, Dean
; APPLICANT: Pytela, Robert
; TITLE OF INVENTION: Integrin Beta Subunit and Uses
; NUMBER OF SEQUENCES: 43
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pretty, Schroeder, Brueggemann & Clark
; STREET: 4370 La Jolla Village Drive, Suite 700
; CITY: San Diego
; STATE: California
; COUNTRY: United States of America
; ZIP: 92122
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/728,215
; FILING DATE: 19910711
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:

```

```

; NAME: Campbell, Cathryn A.
; REGISTRATION NUMBER: 31.815
; REFERENCE/DOCKET NUMBER: P31 8717
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 535-9001
; TELEFAX: (619) 535-8949
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
US-07-728-215-9
;
Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 838 CTCTCTGAAGACGC 853
Db 1 CATCTCCGAAGACGC 16

RESULT 454
US-08-592-541-164
; Sequence 164 Application US/08592541
; Patent No. 5986054
; GENERAL INFORMATION:
; APPLICANT: ST. GEORGE-HYSLOP, PETER H
; APPLICANT: ROMMENS, JOHANNA M
; APPLICANT: FRASER, PAUL E
; TITLE OF INVENTION: GENETIC SEQUENCES AND PROTEINS RELATED
; TITLE OF INVENTION: TO ALZHEIMER'S DISEASE
; NUMBER OF SEQUENCES: 183
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: TESTA, HURWITZ & THIBEAULT
; STREET: High Street Tower - 125 High Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: U.S.A.
; ZIP: 02110
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/592,541
; FILING DATE:
; CLASSIFICATION: 800
; ATTORNEY/AGENT INFORMATION:
; NAME: Pitcher, Edmund R.
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 248-7000
; TELEFAX: (617) 248-7100
; INFORMATION FOR SEQ ID NO: 164:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "primer"
US-08-592-541-164
;
Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 920 CATCACACACACCTC 935
Db 1 CATCTCCACACACCTC 16

RESULT 455
US-08-453-176A-18
; Sequence 18, Application US/08453176A
; Patent No. 6015572
; GENERAL INFORMATION:
; APPLICANT: LIN, LEU-FEN
; APPLICANT: COLLINS, FRANKLIN D.
; APPLICANT: DOHERTY, DANIEL H.
; APPLICANT: LILE, JACK
; APPLICANT: BEKTESH, SUSAN
; TITLE OF INVENTION: Glial Cell Line-Derived Neurotrophic
; TITLE OF INVENTION: Factor
; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: AMGEN INC.
; STREET: One Amgen Center Drive
; CITY: Thousand Oaks
; STATE: California
; COUNTRY: USA
; ZIP: 91320-1789
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy Disk
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: 7.1
; SOFTWARE: Microsoft Word for WIN 7.0a
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/453,176A
; FILING DATE:
; PRIOR APPLICATION DATA: 08/182,183
; APPLICATION NUMBER:
; FILING DATE: 23-MAY-1994
; INFORMATION FOR SEQ ID NO: 18:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; FEATURE:
; NAME/KEY: oligonucleotide primer PD2
US-08-453-176A-18
;
Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 841 CTCTGAAGACAGCGTC 856
Db 1 CTCTGGAGCCAGCGTC 16

RESULT 456
US-08-757-024-374/c
; Sequence 374, Application US/08757024
; Patent No. 6025339
; GENERAL INFORMATION:
; APPLICANT: NYCE, Jonathan W.
; TITLE OF INVENTION: METHOD OF TREATMENT FOR ASTHMA
; NUMBER OF SEQUENCES: 952
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BELL, SELTZER, PARK & GIBSON
; STREET: P.O. Drawer 34009
; CITY: Charlotte
; STATE: No. 6025339th Carolina
; COUNTRY: USA
; ZIP: 28234
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/757,024
```

QY 807 CCTCCTCACTCAGGGTT 822
Db 16 CTCTCATCTCAGCTTT 1

RESULT 458
US-08-985-162-271/c
; Sequence 271, Application US/08985162
; Patent No. 6057156
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: ENZYMAIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; TITLE OF INVENTION: FACTOR RECEPTORS
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/985,162
; FILING DATE: 04 December 1997
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 271:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-985-162-271

Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 3e+02; Mismatches 0; Indels 0; Gaps 0;

QY 807 CCTCCTCACTCAGGGTT 822
Db 17 CTCTCATCTCAGCTTT 2

RESULT 457
US-08-757-024-406/c
; Sequence 406, Application US/08757024
; Patent No. 6025339
; GENERAL INFORMATION:
; APPLICANT: Nyce, Jonathan W.
; TITLE OF INVENTION: METHOD OF TREATMENT FOR ASTHMA
; NUMBER OF SEQUENCES: 952
; CORRESPONDENCE ADDRESS:
; ADDRESSES: BELL, SELTZER, PARK & GIBSON
; STREET: P.O. Drawer 34009
; CITY: Charlotte
; STATE: No. 6025339th Carolina
; COUNTRY: USA
; ZIP: 28234
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/757,024
; FILING DATE: 26-NOV-1996
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Sibley, Kenneth D.
; REGISTRATION NUMBER: 31,665
; REFERENCE/DOCKET NUMBER: 5218-41
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 919-881-3140
; TELEFAX: 919-881-3175
; TELEX: 575102
; INFORMATION FOR SEQ ID NO: 406:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-757-024-406

Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 3e+02; Mismatches 0; Indels 0; Gaps 0;

QY 807 CCTCCTCACTCAGGGTT 822
Db 16 CTCTCATCTCAGCTTT 1

RESULT 458
US-08-985-162-271/c
; Sequence 271, Application US/08985162
; Patent No. 6057156
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: ENZYMAIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; TITLE OF INVENTION: FACTOR RECEPTORS
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/985,162
; FILING DATE: 04 December 1997
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 271:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-985-162-271

Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 3e+02; Mismatches 0; Indels 0; Gaps 0;

QY 747 GGGTCCCGAGGTCCT 762
Db 17 GGGATCCAGAGTCCT 2

RESULT 459
US-08-451-374-18
; Sequence 18, Application US/08451374
; Patent No. 6093802
; GENERAL INFORMATION:
; APPLICANT: LIN, LEU-PEN
; APPLICANT: COLLINS, FRANKLIN D.
; APPLICANT: DOHERTY, DANIEL H.
; APPLICANT: LILE, JACK

APPLICANT: BEKTESH, SUSAN
TITLE OF INVENTION: Glial Cell Line-Derived Neurotrophic
TITLE OF INVENTION: Factor
NUMBER OF SEQUENCES: 26
CORRESPONDENCE ADDRESS:
ADDRESSEE: AMGEN INC.
STREET: One Amgen Center Drive
CITY: Thousand Oaks
STATE: California
COUNTRY: USA
ZIP: 91320-1789
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy Disk
COMPUTER: IBM Compatible
OPERATING SYSTEM: 7.1
SOFTWARE: Microsoft Word for WIN 7.0a
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/451,374
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/182,183
FILING DATE: 23-MAY-1994
INFORMATION FOR SEQ ID NO: 18:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
FEATURE:
NAME/KEY: oligonucleotide primer PD2
US-08-451-374-18

Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 841 CTCTGAGACAGCGTC 856
Db 1 CTCTGAGACAGCGTC 16

RESULT 460
US-08-998-099-90/c
Sequence 90, Application US/08998099A
Patent No. 6103890
GENERAL INFORMATION:
APPLICANT: JARVIS, THALE
APPLICANT: MCSWIGGEN, JAMES A.
APPLICANT: STINCHCOMB, DAN T.
TITLE OF INVENTION: ENZYMAIC NUCLEIC ACID TREATMENT OF DISEASES
TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS OF C-POS
FILE REFERENCE: 231/175
CURRENT APPLICATION NUMBER: US/08/998,099A
CURRENT FILING DATE: 1997-12-24
EARLIER APPLICATION NUMBER: 60/037,658
EARLIER FILING DATE: 1997-01-23
EARLIER APPLICATION NUMBER: 08/373,124
EARLIER FILING DATE: 1995-01-13
EARLIER APPLICATION NUMBER: 08/245,466
EARLIER FILING DATE: 1994-05-18
NUMBER OF SEQ ID NOS: 375
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 90
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-08-998-099-90

Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Db 16 CTCTCAGACTCCGGG 1
RESULT 461
US-09-124-698-164
Sequence 164, Application US/09124698
Patent No. 6117978
GENERAL INFORMATION:
APPLICANT: ST. GEORGE-HYSLOP, PETER H
APPLICANT: ROWMENS, JOHANNA M
APPLICANT: FRASER, PAUL E
TITLE OF INVENTION: GENETIC SEQUENCES AND PROTEINS RELATED
TITLE OF INVENTION: TO ALZHEIMER'S DISEASE
NUMBER OF SEQUENCES: 183
CORRESPONDENCE ADDRESS:
ADDRESSEE: TESTA, HURWITZ & THIBEAULT
STREET: High Street Tower - 125 High Street
CITY: Boston
STATE: Massachusetts
COUNTRY: U.S.A.
ZIP: 02110
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/124,698
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/592,541
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Pitcher, Edmund R.
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 248-7000
TELEFAX: (617) 248-7100
INFORMATION FOR SEQ ID NO: 164:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "primer"
US-09-124-698-164

Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 920 CATCACACACCGCTC 935
Db 1 CATCTCCACCGCTC 16

RESULT 462
US-09-071-845-1676
Sequence 1676, Application US/09071845
Patent No. 6132967
GENERAL INFORMATION:
APPLICANT: Susan Grimm
APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwiggen
APPLICANT: Sean Sullivan
APPLICANT: Kenneth G. Draper
TITLE OF INVENTION: RIBOZYME TREATMENT OF
TITLE OF INVENTION: DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: INTRACELLULAR ADHESION


```

SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/127,480
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/592,541
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Pitcher, Edmund R.
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 248-7000
TELEFAX: (617) 248-7100
INFORMATION FOR SEQ ID NO: 164:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "primer"
US-09-127-480-164

Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 920 CATCACCACCACCGCTC 935
Db 1 CATCTCCACCACGCTC 16
|||||
|||||

RESULT 464
US-08-935-268A-18
; Sequence 18, Application US/08935268A
; Patent No. 6221376
; GENERAL INFORMATION:
; APPLICANT: LIN, LEU-PEN
; APPLICANT: COLLINS, FRANKLIN D.
; APPLICANT: DOHERTY, DANIEL H.
; APPLICANT: LILE, JACK
; APPLICANT: BERTESH, SUSAN
; TITLE OF INVENTION: Glial Cell Line-Derived Neurotrophic
; TITLE OF SEQUENCES: Factor
; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: AMGEN INC.
; STREET: One Amgen Center Drive
; CITY: Thousand Oaks
; STATE: California
; COUNTRY: USA
; ZIP: 91320-1789
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy Disk
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: 7.1
; SOFTWARE: Microsoft Word for WIN 7.0a
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/935,268A
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/453,176
; FILING DATE:
; INFORMATION FOR SEQ ID NO: 18:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; FEATURE:
; NAME/KEY: oligonucleotide primer PD2
; US-08-935-268A-18

```

Query Match 3.9%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 3e+02; 3; Indels 0; Gaps 0;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 841 CTCCTGAAGACAGCGTC 856
 ||||| ||||| |||||
 Db 1 CTCCTGAAGACAGCGTC 16

RESULT 465
 US-09-334-938-6/c
 ; Sequence 6, Application US/09334938
 ; Patent No. 6331140
 ; GENERAL INFORMATION:
 ; APPLICANT: Societe des Produits Nestle
 ; TITLE OF INVENTION: Mobile Genetic Elements as tools for
 ; FILE REFERENCE: 8265-261-999
 ; CURRENT APPLICATION NUMBER: US/09/334,938
 ; CURRENT FILING DATE: 1999-06-17
 ; EARLIER APPLICATION NUMBER: EP 9820228.1
 ; EARLIER FILING DATE: 1998-06-17
 ; NUMBER OF SEQ ID NOS: 22
 ; SOFTWARE: FASTSEQ for Windows Version 3.0
 ; SEQ ID NO 6
 ; LENGTH: 17
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Synthetic Oligonucleotide
 US-09-334-938-6

Query Match 3.9%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 3e+02; 3; Indels 0; Gaps 0;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 864 CAGTTGGAACACTTTC 879
 ||||| ||||| |||||
 Db 17 CGGTTGGAACGATTC 2

RESULT 466
 US-08-938-085A-8
 ; Sequence 8, Application US/08938085A
 ; Patent No. 6339148
 ; GENERAL INFORMATION:
 ; APPLICANT: Sheppard, Dean
 ; APPLICANT: Quaranta, Vito
 ; APPLICANT: Pytela, Robert
 ; TITLE OF INVENTION: A No. 6339148e1 Integrin Beta Subunit and Uses
 ; TITLE OF INVENTION: Thereof
 ; NUMBER OF SEQUENCES: 62
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Townsend and Townsend and Crew LLP
 ; STREET: Two Embarcadero Center, Eighth Floor
 ; CITY: San Francisco
 ; STATE: California
 ; COUNTRY: USA
 ; ZIP: 94111-3834
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: PatentIn Release #1.0, Version #1.30
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/938,085A
 ; FILING DATE: 26-SEP-1997
 ; CLASSIFICATION: 435
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: US 07/728,215
 ; FILING DATE: 11-JUL-1991
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Parent, Annette S.

REGISTRATION NUMBER: 42,058
 REFERENCE/DOCKET NUMBER: 023070-080210US
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (415) 576-0200
 TELEFAX: (415) 576-0300
 INFORMATION FOR SEQ ID NO: 8:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 17 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: DNA
 US-08-938-085A-8

Query Match 3.9%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 3e+02; 3; Indels 0; Gaps 0;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 838 CTTCTCTGAAGACAGC 853
 ||||| ||||| |||||
 Db 1 CATTCTCGAAGACGGC 16

RESULT 467
 US-08-584-040-2612/c
 ; Sequence 2612, Application US/08584040
 ; Patent No. 6346398
 ; GENERAL INFORMATION:
 ; APPLICANT: Pavco, Pamela
 ; APPLICANT: McSwiggen, James
 ; APPLICANT: Stinchcomb, Dan T.
 ; APPLICANT: Escobedo, Jaime
 ; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
 ; TITLE OF INVENTION: TREATMENT OF DISEASES OR
 ; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
 ; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
 ; TITLE OF INVENTION: GROWTH FACTOR
 ; NUMBER OF SEQUENCES: 8502
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Lyon & Lyon
 ; STREET: 633 West Fifth Street
 ; STREET: Suite 4700
 ; CITY: Los Angeles
 ; STATE: California
 ; COUNTRY: U.S.A.
 ; ZIP: 90071-2066
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 ; MEDIUM TYPE: storage
 ; COMPUTER: IBM compatible
 ; OPERATING SYSTEM: IBM P.C. DOS 5.0
 ; SOFTWARE: Word Perfect 5.1
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/584,040
 ; FILING DATE: January 11, 1996
 ; CLASSIFICATION: 514
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 60/005,974
 ; FILING DATE: October 26, 1995
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Warburg, Richard J.
 ; REGISTRATION NUMBER: 32,327
 ; REFERENCE/DOCKET NUMBER: 218/064
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (213) 489-1600
 ; TELEFAX: (213) 955-0440
 ; TELEX: 67-3510
 ; INFORMATION FOR SEQ ID NO: 2612:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 17 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear

/ AFFILIANT: BERLESH, SUSAN
 ;
 ; TITLE OF INVENTION: Glial Cell Line-Derived Neurotrophic Factor
 ;
 ; NUMBER OF SEQUENCES: 25
 ;
 ; CORRESPONDENCE ADDRESS:

ADDRESS: AMGEN INC.
STREET: 1840 DeHavilland Drive
CITY: Thousand Oaks
STATE: California
COUNTRY: USA
ZIP: 91320-1789
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy Disk
COMPUTER: Macintosh
OPERATING SYSTEM: 7.1
SOFTWARE: Microsoft Word 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/452,229
FILING DATE: 26-MAY-1995
PRIOR APPLICATION DATA: 530
APPLICATION NUMBER: 08/182,183
FILING DATE: 23-MAY-1994
INFORMATION FOR SEQ ID NO: 18:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
FEATURE:
NAME/KEY: oligonucleotide primer PD2
US-08-452-229-18

Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 3e+02; 3; Indels 0; Gaps 0;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 841 CTCGAGACAGCGTC 856
|||||
DB 1 CTCGAGACAGCGTC 16

RESULT 471
US-09-124-523-164
Sequence 164, Application US/09124523
Patent No. 6395960
GENERAL INFORMATION:
APPLICANT: ST. GEORGE-HYSLOP, PETER H
APPLICANT: FRASER, PAUL E
APPLICANT: ROMMENS, JOHANNA M
TITLE OF INVENTION: GENETIC SEQUENCES AND PROTEINS RELATED
TO ALZHEIMER'S DISEASE
NUMBER OF SEQUENCES: 183
CORRESPONDENCE ADDRESS:
ADDRESSEE: TESTA, HURWITZ & THIBEAULT
STREET: High Street Tower - 125 High Street
CITY: Boston
STATE: Massachusetts
COUNTRY: U.S.A.
ZIP: 02110
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/124,523
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/592,541
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Pitcher, Edmund R.
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 248-7000
TELEFAX: (617) 248-7100
INFORMATION FOR SEQ ID NO: 164:
SEQUENCE CHARACTERISTICS:

LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "primer"
US-09-124-523-164

Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 3e+02; 3; Indels 0; Gaps 0;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 920 CATCACACACCCCTC 935
|||||
DB 1 CATCTCCACACCGTTC 16

RESULT 472
US-09-527-030G-181
Sequence 181, Application US/09527030G
Patent No. 6482588
GENERAL INFORMATION:
APPLICANT: VAN DOORN, Leen-Jan et al.
TITLE OF INVENTION: Detection and identification of Human Papillomavirus by PCR and hybridization.
FILE REFERENCE: 3501-0101P
CURRENT APPLICATION NUMBER: US/09/527,030G
CURRENT FILING DATE: 2000-03-16
NUMBER OF SEQ ID NOS: 497
SOFTWARE: PatentIn version 3.0
SEQ ID NO: 181
LENGTH: 17
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Probe derived from the Human Papillomavirus (HPV)
US-09-527-030G-181

Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 3e+02; 3; Indels 0; Gaps 0;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 859 GGCTCCAGTTGGAACA 874
|||||
DB 1 GGCACTCTGTTGGAACA 16

RESULT 473
US-09-636-796A-164
Sequence 164, Application US/09636796A
Patent No. 6485911
GENERAL INFORMATION:
APPLICANT: ST. GEORGE-HYSLOP, PETER H
APPLICANT: ROMMENS, JOHANNA M
APPLICANT: FRASER, PAUL E
TITLE OF INVENTION: GENETIC SEQUENCES AND PROTEINS RELATED
TO ALZHEIMER'S DISEASE
NUMBER OF SEQUENCES: 183
CORRESPONDENCE ADDRESS:
ADDRESSEE: TESTA, HURWITZ & THIBEAULT
STREET: High Street Tower - 125 High Street
CITY: Boston
STATE: Massachusetts
COUNTRY: U.S.A.
ZIP: 02110
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/636,796A
FILING DATE: 11-Aug-2000

```
;
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/592,541
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Pitcher, Edmund R.
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 248-7000
; TELEFAX: (617) 248-7100
; INFORMATION FOR SEQ ID NO: 164:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "primer"
; SEQUENCE DESCRIPTION: SEQ ID NO: 164:
US-09-636-796A-164

Query Match          3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 920 CATCCACCACCCTC 935
Db 1 CATCCACCACGTC 16

RESULT 474
US-09-479-645A-32/c
; Sequence 32, Application US/09479645A
; Patent No. 6489141
; GENERAL INFORMATION:
; APPLICANT: FRAZER, Ian Hector
; APPLICANT: ZHOU, Jian
; TITLE OF INVENTION: NUCLEIC ACID SEQUENCE AND METHOD FOR SELECTIVELY
; FILE REFERENCE: 21038.0001/IUS
; CURRENT APPLICATION NUMBER: US/09/479,645A
; CURRENT FILING DATE: 2000-01-07
; PRIOR APPLICATION NUMBER: PCT/AU98/00530
; PRIOR FILING DATE: 1998-07-09
; PRIOR APPLICATION NUMBER: AU P07765
; PRIOR FILING DATE: 1997-07-09
; PRIOR APPLICATION NUMBER: AU P09467
; PRIOR FILING DATE: 1997-09-11
; NUMBER OF SEQ ID NOS: 219
; SOFTWARE: Patent in Ver. 2.0
; SEQ ID NO 32
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: Oligonucleotide specific for Thr(ACA)
US-09-479-645A-32

Query Match          3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 836 TTCCTCTCTGAGACA 851
Db 16 TTCCTCTCTCAAGACA 1

RESULT 475
US-09-474-432B-563
; Sequence 563, Application US/09474432B
; Patent No. 6528640
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
```

```
; APPLICANT: Beigelman, Leo
; APPLICANT: Burgin, Alex
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka
; APPLICANT: Sweedler, David
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleot
; FILE REFERENCE: MEH800-831-B (247/276)
; CURRENT APPLICATION NUMBER: US/09/474,432B
; CURRENT FILING DATE: 1999-12-19
; PRIOR APPLICATION NUMBER: US 60/064,866
; PRIOR FILING DATE: 1997-11-05
; PRIOR APPLICATION NUMBER: US 60/084,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: US 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: US 09/301,511
; PRIOR FILING DATE: 1999-04-28
; NUMBER OF SEQ ID NOS: 1526
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 563
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-474-432B-563

Query Match          3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 68.8%; Pred. No. 3e+02;
Matches 11; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 742 TGGTAGGTCCTCCAGGG 757
Db 1 UGGUCGGGCCCGGG 16

RESULT 476
US-09-474-432B-889/c
; Sequence 889, Application US/09474432B
; Patent No. 6528640
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Burgin, Alex
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka
; APPLICANT: Sweedler, David
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleot
; FILE REFERENCE: MEH800-831-B (247/276)
; CURRENT APPLICATION NUMBER: US/09/474,432B
; CURRENT FILING DATE: 1999-12-19
; PRIOR APPLICATION NUMBER: US 60/064,866
; PRIOR FILING DATE: 1997-11-05
; PRIOR APPLICATION NUMBER: US 60/084,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: US 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: US 09/301,511
; PRIOR FILING DATE: 1999-04-28
; NUMBER OF SEQ ID NOS: 1526
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 889
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-474-432B-889

Query Match          3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

Qy 826 TGTGCTCTTTTCTTC 841
db 16 TGGGTCGCTTTTGTTC 1

RESULT 477
 US-09-371-772B-1136/c
 ; Sequence 1136, Application US/09371772B
 ; Patent No. 6566127
 ; GENERAL INFORMATION:
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.
 ; APPLICANT: Pavco, Pam
 ; APPLICANT: McSwiggen, Jim
 ; APPLICANT: Stinchcomb, Dan
 ; APPLICANT: Escobedo, Jaime
 ; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Related to the Regulation of Endothelial Growth Factor Receptor
 ; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
 ; FILE REFERENCE: MEHB00.876-J (237/198)
 ; CURRENT APPLICATION NUMBER: US/09/371.772B
 ; CURRENT FILING DATE: 1999-08-10
 ; PRIOR APPLICATION NUMBER: US 60/005,974
 ; PRIOR FILING DATE: 1995-10-26
 ; PRIOR APPLICATION NUMBER: US 08/584,040
 ; PRIOR FILING DATE: 1996-01-08
 ; NUMBER OF SEQ ID NOS: 14225
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 1136
 ; LENGTH: 17
 ; TYPE: RNA
 ; ORGANISM: Homo sapiens
 ; US-09-371-772B-1136

RESULT 478
 US-09-371-772B-3161
 Sequence 3161, Application US/09371772B
 Patent No. 6566127
 GENERAL INFORMATION:
 APPLICANT: Ribozyme Pharmaceuticals, Inc.
 APPLICANT: Pavco, Pam
 APPLICANT: McSwiggen, Jim
 APPLICANT: Stinchcomb, Dan
 APPLICANT: Escobedo, Jaime
 TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Related to the Growth of Endothelial Cells
 FILE REFERENCE: MEHB00.876-J (237/198)
 CURRENT APPLICATION NUMBER: US/09/371,772B
 CURRENT FILING DATE: 1999-08-10
 PRIOR APPLICATION NUMBER: US 60/005,974
 PRIOR FILING DATE: 1995-10-26
 PRIOR APPLICATION NUMBER: US 08/584,040
 PRIOR FILING DATE: 1996-01-08
 NUMBER OF SEQ ID NOS: 14225
 SOFTWARE: PatentIn version 3.0
 SEQ ID NO 3161
 LENGTH: 17
 TYPE: RNA
 ORGANISM: Mus sp.
 US-09-371-772B-3161

```

      | : ||| : |||| :
Db    2 GGUUCCUGGUCCAGU 17

RESULT 479
US-09-371-772B-3636
; Sequence 3636, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; FILE REFERENCE: MEHB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO: 3636
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus sp.
; JS-09-371-772B-3636
```

RESULT 480
 US-09-371-772B-4678
 : Sequence 4678, Application US/09371772B
 : Patent No. 6566127
 : GENERAL INFORMATION:
 : APPLICANT: Ribozyme Pharmaceuticals, Inc.
 : APPLICANT: Pavco, Pam
 : APPLICANT: McSwiggen, Jim
 : APPLICANT: Stinchcomb, Dan
 : APPLICANT: Escobedo, Jaime
 : TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
 : TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
 : FILE REFERENCE: MHB00, 876-J (237/198)
 : CURRENT APPLICATION NUMBER: US/09/371,772B
 : CURRENT FILING DATE: 1999-08-10
 : PRIOR APPLICATION NUMBER: US 60/005,974
 : PRIOR FILING DATE: 1995-10-26
 : PRIOR APPLICATION NUMBER: US 08/584,040
 : PRIOR FILING DATE: 1996-01-08
 : NUMBER OF SEQ ID NOS: 14225
 : SOFTWARE: PatentIn version 3.0
 : SEQ ID NO 4678
 : LENGTH: 17
 : TYPE: RNA
 : ORGANISM: Homo sapiens
 US-09-371-772B-4678

```
Query Match      .    3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 43.8%; Pred. NO. 3e+02;
Matches       7; Conservative   6; Mismatches   3; Indels   0; Gaps   0;
```

Db 1 GCUGGACUCUCUCU 16

RESULT 481

US-09-371-772B-4919
; Sequence 4919, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MHB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4919
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-4919

Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 43.8%; Pred. No. 3e+02;
Matches 7; Conservative 6; Mismatches 3; Indels 0; Gaps 0;

QY 831 CTCCTTTCTCTCTGA 846

Db 2 CUCCUGCUCUCUGA 17

RESULT 482

US-09-371-772B-4920
; Sequence 4920, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MHB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4920
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-4920

Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 43.8%; Pred. No. 3e+02;
Matches 7; Conservative 6; Mismatches 3; Indels 0; Gaps 0;

QY 831 CTCCTTTCTCTCTGA 846

Db 1 CUCCUGCUCUCUGA 16

RESULT 483

US-09-371-772B-5092
; Sequence 5092, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MHB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5092
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-5092

Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 3e+02;
Matches 12; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 805 CTCCTCCAACTCAGGG 820

Db 2 CCCCGCCACCUCAGG 17

RESULT 484

US-09-371-772B-5382
; Sequence 5382, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MHB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5382
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-5382

Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 62.5%; Pred. No. 3e+02;
Matches 10; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 851 AGCGTCCTGCTCCAG 866

Db 2 AGCCUACUGGCUCCUG 17

TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
SEQUENCE DESCRIPTION: SEQ ID NO: 8:
US-10-072-844-8

Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 838 CTTCTCTGAAGACGC 853
Db 1 CATCTCCGAAGACGC 16

RESULT 489
US-10-072-838-8

Sequence 8, Application US/10072838
Patent No. 6596277

GENERAL INFORMATION:

APPLICANT: Sheppard, Dean
Quaranta, Vito
Pytela, Robert

TITLE OF INVENTION: A No. 6596277el Integrin Beta Subunit and Uses
Thereof

NUMBER OF SEQUENCES: 43

CORRESPONDENCE ADDRESS:

ADDRESSEE: Pretty, Schroeder, Brueggemann & Clark
STREET: 4370 La Jolla Village Drive, Suite 700
CITY: San Diego

STATE: California

COUNTRY: United States of America

ZIP: 92122

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/10/072,838

FILING DATE: 06-Feb-2002

CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 07/728,215

FILING DATE: <Unknown>

ATTORNEY/AGENT INFORMATION:

NAME: Campbell, Cathryn A.

REGISTRATION NUMBER: 31,815

REFERENCE/DOCKET NUMBER: P31 8717

TELECOMMUNICATION INFORMATION:

TELEPHONE: (619) 535-9001

TELEFAX: (619) 535-8949

INFORMATION FOR SEQ ID NO: 8:

SEQUENCE CHARACTERISTICS:

LENGTH: 17 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

SEQUENCE DESCRIPTION: SEQ ID NO: 8:

US-10-072-838-8

Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 838 CTTCTCTGAAGACGC 853
| | | | | | | | | | | | | | | | |

Db 1 CATCTCCGAAGACGC 16

RESULT 490

US-10-072-838-9

Sequence 9, Application US/10072838

Patent No. 6596277

GENERAL INFORMATION:

APPLICANT: Sheppard, Dean

Quaranta, Vito

Pytela, Robert

TITLE OF INVENTION: A No. 6596277el Integrin Beta Subunit and Uses

Thereof

NUMBER OF SEQUENCES: 43

CORRESPONDENCE ADDRESS:

ADDRESSEE: Pretty, Schroeder, Brueggemann & Clark

STREET: 4370 La Jolla Village Drive, Suite 700

CITY: San Diego

STATE: California

COUNTRY: United States of America

ZIP: 92122

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/10/072,838

FILING DATE: 06-Feb-2002

CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 07/728,215

FILING DATE: <Unknown>

ATTORNEY/AGENT INFORMATION:

NAME: Campbell, Cathryn A.

REGISTRATION NUMBER: 31,815

REFERENCE/DOCKET NUMBER: P31 8717

TELECOMMUNICATION INFORMATION:

TELEPHONE: (619) 535-9001

TELEFAX: (619) 535-8949

INFORMATION FOR SEQ ID NO: 9:

SEQUENCE CHARACTERISTICS:

LENGTH: 17 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

SEQUENCE DESCRIPTION: SEQ ID NO: 9:

US-10-072-838-9

Query Match 3.9%; Score 11.2; DB 1; Length 17;

Best Local Similarity 81.2%; Pred. No. 3e+02;

Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 838 CTTCTCTGAAGACGC 853

Db 1 CATCTCCGAAGACGC 16

RESULT 491

US-09-476-387-562

Sequence 562, Application US/09476387

Patent No. 6617438

GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Beigelman, Leo

APPLICANT: Beaudry, Amber

APPLICANT: Karpelsky, Alex

APPLICANT: Adamic, Jasenka Matulic

APPLICANT: Sweedler, Dave

APPLICANT: Zinnen, Shawn

TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleot

FILE REFERENCE: MEH00-831-C (249/073)

CURRENT APPLICATION NUMBER: US/09/476,387

```

; CURRENT FILING DATE: 2001-04-04
; PRIOR APPLICATION NUMBER: 09/474,432
; PRIOR FILING DATE: 1999-12-29
; PRIOR APPLICATION NUMBER: 09/301,511
; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: 60/083,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/064,866
; PRIOR FILING DATE: 1997-11-05
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 562
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-476-387-562

```

```

Query Match          3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 68.8%; Pred. No. 3e+02; 3; Indels 0; Gaps 0;
Matches 11; Conservative 2; Mismatches 0;

```

```

QY 742 TGGTAGGGTCCAGGG 757
Db 1 UGGUCGGGGCCCCGGG 16

```

RESULT 492

```

US-09-476-387-888/c
; Sequence 888, Application US/09476387
; Patent No. 6617438
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka Matulic
; APPLICANT: Sweedler, Dave
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleot
; FILE REFERENCE: M8H800-831-C (249/073)
; CURRENT APPLICATION NUMBER: US/09/476,387
; CURRENT FILING DATE: 2001-04-04
; PRIOR APPLICATION NUMBER: 09/474,432
; PRIOR FILING DATE: 1999-12-29
; PRIOR APPLICATION NUMBER: 09/301,511
; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: 60/083,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/064,866
; PRIOR FILING DATE: 1997-11-05
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 888
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-476-387-888

```

```

Query Match          3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 3e+02; 3; Indels 0; Gaps 0;
Matches 13; Conservative 0; Mismatches 0;

```

```

QY 826 TGTGTCCTTTTCTTC 841
Db 16 TGGTCGCTTTTGTTC 1

```

RESULT 493

```
US-09-401-063-271/c
```

```

; Sequence 271, Application US/09401063
; Patent No. 6623962
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwigen, James
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; TITLE OF INVENTION: FACTOR RECEPTORS
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: Storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSEQ for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/401,063
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/985,162
; FILING DATE: 04 December 1997
; APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 271:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-401-063-271

```

```

Query Match          3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

```

```

QY 747 GGGTCCCGAGGTCCT 762
Db 17 GGGATCCAGATCCCT 2

```

RESULT 494

```

US-09-686-597-20/c
; Sequence 20, Application US/09686597
; Patent No. 6632641
; GENERAL INFORMATION:
; APPLICANT: Thomas M. BRENNAN
; APPLICANT: Francois CHATELAIN
; APPLICANT: Mark BEERNINGER
; TITLE OF INVENTION: METHOD AND APPARATUS FOR PERFORMING
; TITLE OF INVENTION: LARGE NUMBERS OF REACTIONS USING ARRAY ASSEMBLY
; FILE REFERENCE: 58710010CPUS02
; CURRENT APPLICATION NUMBER: US/09/686,597
; CURRENT FILING DATE: 2000-10-10
; PRIOR APPLICATION NUMBER: 60/158,315

```

```
; PRIOR FILING DATE: 1999-10-08
; NUMBER OF SEQ ID NOS: 32
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 20
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-686-597-20

Query Match      3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      818 GGGTTGGCTGTCTC 833
Db      16 GGGTGGGTGTCTC 1

RESULT 495
US-09-686-597-21/c
; Sequence 21, Application US/09686597
; Patent No. 6632641
; GENERAL INFORMATION:
; APPLICANT: Thomas M. BRENNAN
; APPLICANT: Francois CHATELAIN
; APPLICANT: Mark BERNINGER
; TITLE OF INVENTION: METHOD AND APPARATUS FOR PERFORMING
; FILE REFERENCE: 58710010CPUS02
; CURRENT APPLICATION NUMBER: US/09/686,597
; CURRENT FILING DATE: 2000-10-10
; PRIOR APPLICATION NUMBER: 60/158,315
; PRIOR FILING DATE: 1999-10-08
; NUMBER OF SEQ ID NOS: 32
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 21
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-686-597-21

Query Match      3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      818 GGGTTGGCTGTCTC 833
Db      17 GGGTGGGTGTCTC 2

RESULT 496
US-10-072-841A-8
; Sequence 8, Application US/10072841A
; Patent No. 6639056
; GENERAL INFORMATION:
; APPLICANT: Sheppard, Dean
; Pytela, Robert
; TITLE OF INVENTION: A No. 6639056e1 Integrin Beta Subunit and Uses
; THEREOF
; NUMBER OF SEQUENCES: 62
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/072,841A
; FILING DATE: 02-Jun-2002
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/938,085A
; FILING DATE: 26-SEP-1997
; APPLICATION NUMBER: US 07/728,215
; FILING DATE: 11-JUL-1991
```

ATTORNEY/AGENT INFORMATION:
NAME: Parent, Annette S.
REGISTRATION NUMBER: 42,058
REFERENCE/DOCKET NUMBER: 023070-080210US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
SEQUENCE DESCRIPTION: SEQ ID NO: 8:
US-10-072-841A-8

Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 3e+02; 3; Indels 0; Gaps 0;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 838 CTTCTCTGAAGACAGC 853
Db 1 CATCTCCGAAGACGGC 16

RESULT 499
US-09-827-998-211
Sequence 211, Application US/09827998
Patent No. 6656700
GENERAL INFORMATION:
APPLICANT: Gu, Yizhong
APPLICANT: Shannon, Mark
TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
FILE REFERENCE: MDMORF-8
CURRENT APPLICATION NUMBER: US/09/827,998
CURRENT FILING DATE: 2001-04-06
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
NUMBER OF SEQ ID NOS: 1881
SOFTWARE: Aecomica Sequence Listing Engine
Patent No. 6656700
SEQ ID NO 211
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-827-998-211

Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 3e+02; 3; Indels 0; Gaps 0;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 951 AAGAAGAGCCAAATTG 966
Db 2 AAGAAGCATCAAAATTG 17

RESULT 500
US-09-827-998-212
Sequence 212, Application US/09827998
Patent No. 6656700
GENERAL INFORMATION:
APPLICANT: Gu, Yizhong
APPLICANT: Shannon, Mark
TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
FILE REFERENCE: MDMORF-8
CURRENT APPLICATION NUMBER: US/09/827,998
CURRENT FILING DATE: 2001-04-06
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 60/236,359

PRIOR FILING DATE: 2000-09-27
NUMBER OF SEQ ID NOS: 1881
SOFTWARE: Aecomica Sequence Listing Engine
Patent No. 6656700
SEQ ID NO 212
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-827-998-212

Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 3e+02; 3; Indels 0; Gaps 0;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 951 AAGAAGAGCCAAATTG 966
Db 1 AAGAAGCATCAAAATTG 16

RESULT 501
US-09-827-998-425
Sequence 425, Application US/09827998
Patent No. 6656700
GENERAL INFORMATION:
APPLICANT: Gu, Yizhong
APPLICANT: Shannon, Mark
TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
FILE REFERENCE: MDMORF-8
CURRENT APPLICATION NUMBER: US/09/827,998
CURRENT FILING DATE: 2001-04-06
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
NUMBER OF SEQ ID NOS: 1881
SOFTWARE: Aecomica Sequence Listing Engine
Patent No. 6656700
SEQ ID NO 425
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-827-998-425

Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 3e+02; 3; Indels 0; Gaps 0;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 825 CTGTGTCCTCTTCTT 840
Db 2 CTGTGGGTCCTCTCTT 17

RESULT 502
US-09-827-998-428
Sequence 428, Application US/09827998
Patent No. 6656700
GENERAL INFORMATION:
APPLICANT: Gu, Yizhong
APPLICANT: Shannon, Mark
TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
FILE REFERENCE: MDMORF-8
CURRENT APPLICATION NUMBER: US/09/827,998
CURRENT FILING DATE: 2001-04-06
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
NUMBER OF SEQ ID NOS: 1881
SOFTWARE: Aecomica Sequence Listing Engine
Patent No. 6656700
SEQ ID NO 428
LENGTH: 17
TYPE: DNA

```
; ORGANISM: Homo sapiens
US-927-998-428

Query Match          3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      827 GTGCTCTTCTTCTCT 842
DB      1 GTGGGTCTTCTTCTCT 16

RESULT 503
US-09-866-108A-225
; Sequence 225, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 225
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-230

Query Match          3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      799 AGAGCTCTCTCTCAAC 814
DB      1 AGAGCCTCTCCACATC 16

RESULT 505
US-09-866-108A-660/c
; Sequence 660, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
```

```
; ORGANISM: Homo sapiens
US-927-998-428

Query Match          3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      827 GTGCTCTTCTTCTCT 842
DB      1 GTGGGTCTTCTTCTCT 16

RESULT 503
US-09-866-108A-225
; Sequence 225, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 225
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-225

Query Match          3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      795 GCCAAGAGCTCTCTC 810
DB      2 GACAAGAGCCTCCAC 17

RESULT 504
US-09-866-108A-230
; Sequence 230, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
```

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; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 660
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-660

Query Match      3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. NO. 3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      816 CAGGTTGCTGTGTC 831
Db      17 CTGGCTTGCTGAGTC 2

RESULT 506
US-09-866-108A-663/c
; Sequence 663, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: ACOMICA-7
; CURRENT APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 663
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-663

Query Match      3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. NO. 3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      816 CAGGTTGCTGTGTC 831
Db      17 CTGGCTTGCTGAGTC 2

RESULT 506
US-09-866-108A-663/c
; Sequence 663, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: ACOMICA-7
; CURRENT APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 663
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-663
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; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-663

Query Match      3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. NO. 3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      814 CTCAGGTTGCTGTG 829
Db      16 CTCTGCTTGCTGAG 1

RESULT 507
US-09-866-108A-803/c
; Sequence 803, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: ACOMICA-7
; CURRENT APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 803
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-803

Query Match      3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. NO. 3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      894 CTTCTCAGCTTCTGCG 909
Db      17 CTTCTCAGCTTCTGCG 2

RESULT 508
US-09-866-108A-804/c
; Sequence 804, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
```

```

; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 1207
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-1207

Query Match      3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      830 TCCTCTTTCTCTCTG 845
Db      17 TCACCTGCTCTCTCTG 2

RESULT 510
US-09-866-108A-1208/c
; Sequence 1208, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 1208

```

```

; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 804
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-804

Query Match      3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      894 CTTCTCAGCTTCTCGG 909
Db      16 CTTCTCAGCTTCTCGG 1

RESULT 509
US-09-866-108A-1207/c
; Sequence 1207, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666

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LENGTH: 17
 TYPE: DNA
 ORGANISM: Homo sapiens
 US-09-866-108A-1208

Query Match 3.9%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 3e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 830 TCTCTTTCTTCTCTG 845
 DB 16 TCACCTGTCTTCTCTG 1

RESULT 511

US-09-866-108A-1612
 ; Sequence 1612, Application US/09866108A
 ; Patent No. 6686188

GENERAL INFORMATION:

APPLICANT: GU, Yizhong
 APPLICANT: JI, Yonggang
 APPLICANT: PENN, Sharron G.
 APPLICANT: HANZEL, David K.
 APPLICANT: RANK, David R.
 APPLICANT: CHEN, Wensheng
 APPLICANT: SHANNON, Mark
 TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
 FILE REFERENCE: AEOMICA-7
 CURRENT APPLICATION NUMBER: US/09/866,108A
 CURRENT FILING DATE: 2001-05-25

PRIOR APPLICATION NUMBER: US 60/207,456
 PRIOR FILING DATE: 2000-05-26
 PRIOR APPLICATION NUMBER: GB 24263.6
 PRIOR FILING DATE: 2000-10-04
 PRIOR APPLICATION NUMBER: US 60/236,359
 PRIOR FILING DATE: 2000-09-27
 PRIOR APPLICATION NUMBER: PCT/US01/00666
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00667
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00664
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00669
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00665
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00668
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00663
 PRIOR FILING DATE: 2001-01-30
 Remaining Prior Application data removed - See File Wrapper or PALM.

NUMBER OF SEQ ID NOS: 15755
 SOFTWARE: Aecomica Sequence Listing Engine
 Patent No. 6686188
 SEQ ID NO 1612
 LENGTH: 17
 TYPE: DNA
 ORGANISM: Homo sapiens
 US-09-866-108A-1612

Query Match 3.9%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 3e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 945 TACGAGAGAGACCA 961
 DB 2 TACGAGAGAGACCA 17

RESULT 512

US-09-866-108A-1614
 ; Sequence 1614, Application US/09866108A
 ; Patent No. 6686188

GENERAL INFORMATION:

APPLICANT: GU, Yizhong
 APPLICANT: JI, Yonggang
 APPLICANT: PENN, Sharron G.
 APPLICANT: HANZEL, David K.
 APPLICANT: RANK, David R.
 APPLICANT: CHEN, Wensheng
 APPLICANT: SHANNON, Mark
 TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
 FILE REFERENCE: AEOMICA-7
 CURRENT APPLICATION NUMBER: US/09/866,108A
 CURRENT FILING DATE: 2001-05-25

PRIOR APPLICATION NUMBER: US 60/207,456
 PRIOR FILING DATE: 2000-05-26
 PRIOR APPLICATION NUMBER: GB 24263.6
 PRIOR FILING DATE: 2000-10-04
 PRIOR APPLICATION NUMBER: US 60/236,359
 PRIOR FILING DATE: 2000-09-27
 PRIOR APPLICATION NUMBER: PCT/US01/00666
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00667
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00664
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00669
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00665
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00668
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00663
 PRIOR FILING DATE: 2001-01-30
 Remaining Prior Application data removed - See File Wrapper or PALM.

NUMBER OF SEQ ID NOS: 15755
 SOFTWARE: Aecomica Sequence Listing Engine
 Patent No. 6686188
 SEQ ID NO 1614
 LENGTH: 17
 TYPE: DNA
 ORGANISM: Homo sapiens
 US-09-866-108A-1614

Query Match 3.9%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 3e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 947 ACCGAGAGAGACCA 962
 DB 1 ACCGAGAGAGACCA 16

RESULT 513

US-09-866-108A-1831/C
 ; Sequence 1831, Application US/09866108A
 ; Patent No. 6686188

GENERAL INFORMATION:

APPLICANT: GU, Yizhong
 APPLICANT: JI, Yonggang
 APPLICANT: PENN, Sharron G.
 APPLICANT: HANZEL, David K.
 APPLICANT: RANK, David R.
 APPLICANT: CHEN, Wensheng
 APPLICANT: SHANNON, Mark
 TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
 FILE REFERENCE: AEOMICA-7
 CURRENT APPLICATION NUMBER: US/09/866,108A
 CURRENT FILING DATE: 2001-05-25
 PRIOR APPLICATION NUMBER: US 60/207,456
 PRIOR FILING DATE: 2000-05-26
 PRIOR APPLICATION NUMBER: GB 24263.6
 PRIOR FILING DATE: 2000-10-04
 PRIOR APPLICATION NUMBER: US 60/236,359
 PRIOR FILING DATE: 2000-09-27


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; PRIOR APPLICATION NUMBER: PCT/US01/006666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 1831
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-1831

Query Match      3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      809 TCCAACTCAGGTTGG 824
DB      17 TCCACCTCAGTCATGG 2

RESULT 514
US-09-866-108A-1832/c
; Sequence 1832, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/006666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 1835
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-1835

Query Match      3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      805 CTCCTCCAACTCAGGG 820
DB      17 CTCATCCACCTCAGTG 2

RESULT 516
US-09-866-108A-1836/c
; Sequence 1836, Application US/09866108A
```

```
; SEQ ID NO 1832
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-1832

Query Match      3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      809 TCCAACTCAGGTTGG 824
DB      16 TCCACCTCAGTCATGG 1

RESULT 515
US-09-866-108A-1835/c
; Sequence 1835, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/006666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 1835
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-1835

Query Match      3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      805 CTCCTCCAACTCAGGG 820
DB      17 CTCATCCACCTCAGTG 2

RESULT 516
US-09-866-108A-1836/c
; Sequence 1836, Application US/09866108A
```

```

; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aemica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 1836
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-1836

Query Match          3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      805 CTCCTCCCACTCAGG 820
Db      16 CTCATCCACTCAGT 1

RESULT 517
US-09-866-108A-2228
; Sequence 2228, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aemica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 1836
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-1836

Query Match          3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      805 CTCCTCCCACTCAGG 820
Db      16 CTCATCCACTCAGT 1

RESULT 517
US-09-866-108A-2228
; Sequence 2228, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aemica Sequence Listing Engine

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; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aemica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 2228
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-2228

Query Match          3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      742 TGGTAGGGTCCCAGG 757
Db      2 TGCACGGGTCTCAGT 17

RESULT 518
US-09-866-108A-2229
; Sequence 2229, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aemica Sequence Listing Engine

```

; Patent No. 6686188
; SEQ ID NO 2229
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-2229

Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 742 TGGTAGGCTCCAGG 757
||| ||||| |||||
Db 1 TGGCAGGCTCAGTG 16

RESULT 519

US-09-866-108A-2790
; Sequence 2790, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 2791
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-2791

Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 926 CACCACCTTCGACAGA 941
||||| ||||| |||||
Db 2 CACCACCTTCGACAGA 17

RESULT 520

US-09-866-108A-2791
; Sequence 2790, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04

Sequence 2791, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 2791
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-2791

Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 926 CACCACCTTCGACAGA 941
||||| ||||| |||||
Db 1 CACCACCTTCGACAGA 16

RESULT 521

US-09-866-108A-2898/c
; Sequence 2898, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04

PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aemica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 2898
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-2898

Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 3e+02; Mismatches 0; Indels 0; Gaps 0;
Matches 13; Conservative 0

QY 775 CTGAGGCGAGCCCTC 790
Db 17 CCGAGGCCATCCCTC 2

RESULT 522
US-09-866-108A-2899/c
Sequence 2899, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755

SOFTWARE: Aemica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 2899
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-2899

Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 3e+02; Mismatches 0; Indels 0; Gaps 0;
Matches 13; Conservative 0

QY 775 CTGAGGCGAGCCCTC 790
Db 16 CCGAGGCCATCCCTC 1

RESULT 523
US-09-866-108A-6047/c
Sequence 6047, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755

SOFTWARE: Aemica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 6047
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-6047

Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 3e+02; Mismatches 0; Indels 0; Gaps 0;
Matches 13; Conservative 0

QY 833 CTTTCTCTCTGAAG 848
Db 17 CCTTCTCTCTGAAG 2

RESULT 524

```

US-09-866-108A-6100
: Sequence 6100, Application US/09866108A
: Patent No. 6686188
: GENERAL INFORMATION:
: APPLICANT: GU, Yizhong
: APPLICANT: JI, Yonggang
: APPLICANT: PENN, Sharron G.
: APPLICANT: HANZEL, David K.
: APPLICANT: RANK, David R.
: APPLICANT: CHEN, Wensheng
: APPLICANT: SHANNON, Mark
: TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
: FILE REFERENCE: AEOMICA-7
: CURRENT APPLICATION NUMBER: US/09/866,108A
: CURRENT FILING DATE: 2001-05-25
: PRIOR APPLICATION NUMBER: US 60/207,456
: PRIOR FILING DATE: 2000-05-26
: PRIOR APPLICATION NUMBER: GB 24263.6
: PRIOR FILING DATE: 2000-10-04
: PRIOR APPLICATION NUMBER: US 60/236,359
: PRIOR FILING DATE: 2000-09-27
: PRIOR APPLICATION NUMBER: PCT/US01/00666
: PRIOR FILING DATE: 2001-01-30
: PRIOR APPLICATION NUMBER: PCT/US01/00667
: PRIOR FILING DATE: 2001-01-30
: PRIOR APPLICATION NUMBER: PCT/US01/00664
: PRIOR FILING DATE: 2001-01-30
: PRIOR APPLICATION NUMBER: PCT/US01/00669
: PRIOR FILING DATE: 2001-01-30
: PRIOR APPLICATION NUMBER: PCT/US01/00665
: PRIOR FILING DATE: 2001-01-30
: PRIOR APPLICATION NUMBER: PCT/US01/00668
: PRIOR FILING DATE: 2001-01-30
: PRIOR APPLICATION NUMBER: PCT/US01/00663
: PRIOR FILING DATE: 2001-01-30
: Remaining Prior Application data removed - See File Wrapper or PALM.
: NUMBER OF SEQ ID NOS: 15755
: SOFTWARE: Aeomica Sequence Listing Engine
: Patent No. 6686188
: SEQ ID NO 6100
: LENGTH: 17
: TYPE: DNA
: ORGANISM: Homo sapiens
US-09-866-108A-6100

Query Match          3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred.No. 3e+02; 3; Indels 0; Gaps 0;
Matches 13; Conservative 0; Mismatches 3;

          779 GGGCAGCCCTCTGGT 794
          |||||
          2 GAGCAGCCCTCCAGT 17

RESULT 525
US-09-866-108A-6479/c
: Sequence 6479, Application US/09866108A
: Patent No. 6686188
: GENERAL INFORMATION:
: APPLICANT: GU, Yizhong
: APPLICANT: JI, Yonggang
: APPLICANT: PENN, Sharron G.
: APPLICANT: HANZEL, David K.
: APPLICANT: RANK, David R.
: APPLICANT: CHEN, Wensheng
: APPLICANT: SHANNON, Mark
: TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
: FILE REFERENCE: AEOMICA-7
: CURRENT APPLICATION NUMBER: US/09/866,108A
: CURRENT FILING DATE: 2001-05-25
: PRIOR APPLICATION NUMBER: US 60/207,456
: PRIOR FILING DATE: 2000-05-26
: PRIOR APPLICATION NUMBER: GB 24263.6

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; NUMBER OF SEQ ID NOS: 15755
 ; SOFTWARE: Acomica Sequence Listing Engine
 ; Patent No. 6686188
 ; SEQ ID NO 6480
 ; LENGTH: 17
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 US-09-866-108A-6480

Query Match 3.9%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 3e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 809 TCCTCACTCAGGTTGG 824
 Db 16 TCACACACAGGTTTG 1

RESULT 527
 ; Sequence 7389, Application US/09866108A
 ; Patent No. 6686188
 ; GENERAL INFORMATION:
 ; APPLICANT: GU, Yizhong
 ; APPLICANT: JI, Yonggang
 ; APPLICANT: PENN, Sharron G.
 ; APPLICANT: HANZEL, David K.
 ; APPLICANT: RANK, David R.
 ; APPLICANT: CHEN, Wensheng
 ; APPLICANT: SHANNON, Mark
 ; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
 ; FILE REFERENCE: AEOMICA-7
 ; CURRENT APPLICATION NUMBER: US/09/866,108A
 ; CURRENT FILING DATE: 2001-05-25
 ; PRIOR APPLICATION NUMBER: US 60/207,456
 ; PRIOR FILING DATE: 2000-05-26
 ; PRIOR APPLICATION NUMBER: GB 24263.6
 ; PRIOR FILING DATE: 2000-10-04
 ; PRIOR APPLICATION NUMBER: US 60/236,359
 ; PRIOR FILING DATE: 2000-09-27
 ; PRIOR APPLICATION NUMBER: PCT/US01/00666
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00667
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00664
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00669
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00665
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00668
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00663
 ; PRIOR FILING DATE: 2001-01-30
 ; Remaining Prior Application data removed - See File Wrapper or PALM.
 ; NUMBER OF SEQ ID NOS: 15755
 ; SOFTWARE: Acomica Sequence Listing Engine
 ; Patent No. 6686188
 ; SEQ ID NO 7394
 ; LENGTH: 17
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 US-09-866-108A-7394

Query Match 3.9%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 3e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 865 AGTTGGACACTTTCC 880
 Db 17 AGTGGATCCCTTCC 2

Query Match 3.9%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 3e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 865 AGTTGGACACTTTCC 880
 Db 17 AGTGGATCCCTTCC 2

RESULT 528
 ; Sequence 7394, Application US/09866108A
 ; Patent No. 6686188
 ; GENERAL INFORMATION:
 ; APPLICANT: GU, Yizhong
 ; APPLICANT: JI, Yonggang
 ; APPLICANT: PENN, Sharron G.
 ; APPLICANT: HANZEL, David K.
 ; APPLICANT: RANK, David R.
 ; APPLICANT: CHEN, Wensheng
 ; APPLICANT: SHANNON, Mark
 ; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
 ; FILE REFERENCE: AEOMICA-7
 ; CURRENT APPLICATION NUMBER: US/09/866,108A
 ; CURRENT FILING DATE: 2001-05-25
 ; PRIOR APPLICATION NUMBER: US 60/207,456
 ; PRIOR FILING DATE: 2000-05-26
 ; PRIOR APPLICATION NUMBER: GB 24263.6
 ; PRIOR FILING DATE: 2000-10-04
 ; PRIOR APPLICATION NUMBER: US 60/236,359
 ; PRIOR FILING DATE: 2000-09-27
 ; PRIOR APPLICATION NUMBER: PCT/US01/00666
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00667
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00664
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00669
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00665
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00668
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00663
 ; PRIOR FILING DATE: 2001-01-30
 ; Remaining Prior Application data removed - See File Wrapper or PALM.
 ; NUMBER OF SEQ ID NOS: 15755
 ; SOFTWARE: Acomica Sequence Listing Engine
 ; Patent No. 6686188
 ; SEQ ID NO 7394
 ; LENGTH: 17
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 US-09-866-108A-7394

Query Match 3.9%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 3e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 861 CTCACGTTGGAACT 876
 Db 16 CTCACGTTGGAACT 1

RESULT 529
 ; Sequence 7667, Application US/09866108A
 ; Patent No. 6686188
 ; GENERAL INFORMATION:
 ; APPLICANT: GU, Yizhong
 ; APPLICANT: JI, Yonggang
 ; APPLICANT: PENN, Sharron G.
 ; APPLICANT: HANZEL, David K.
 ; APPLICANT: RANK, David R.
 ; APPLICANT: CHEN, Wensheng
 ; APPLICANT: SHANNON, Mark
 ; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
 ; FILE REFERENCE: AEOMICA-7
 ; CURRENT APPLICATION NUMBER: US/09/866,108A
 ; CURRENT FILING DATE: 2001-05-25
 ; PRIOR APPLICATION NUMBER: US 60/207,456
 ; PRIOR FILING DATE: 2000-05-26

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; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7667
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-7667

Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 804 TCTCTCCCAACTCAG 819
Db 16 TCTCTCCCAACTCAG 1

RESULT 530
US-09-866-108A-7919/c
; Sequence 7919, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7920
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-7920

Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 803 CTCTCTCCCAACTCAG 818
Db 16 CTCTCTCCCAACTCAG 1

RESULT 531
US-09-866-108A-7920/c
; Sequence 7920, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7920
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-7920

Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 803 CTCTCTCCCAACTCAG 818
Db 16 CTCTCTCCCAACTCAG 1
```

```
RESULT 532
US-09-866-108A-8220
; Sequence 8220, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No: 6686188
; SEQ ID NO 8220
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8220

Query Match          3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      902 CTTCTGCGATCAGATT 917
Db      2 CCTCTGTGACCCAGATT 17

RESULT 533
US-09-866-108A-8221
; Sequence 8221, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8220
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8220

Query Match          3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      902 CTTCTGCGATCAGATT 917
Db      2 CCTCTGTGACCCAGATT 17

RESULT 534
US-09-866-108A-8903
; Sequence 8903, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8221
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8221
```


QY 710 AGTCCCAGGAGAGTGA 725
|||||
Db 1 AGTCCCAGCAGCGGA 16

TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSION
 FILE REFERENCE: AEOMICA-7
 CURRENT APPLICATION NUMBER: US/09/866,111

QY 710 AGTCCCAGGAGAGTGA 725
|||||
Db 1 AGTCCCAGCAGCGGA 16

; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24363.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 9745
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-9745

Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 3.4e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 816 CAGGGTTGGCTGTGTC 831
Db 1 CAGGGCTGGCAGTGAC 16

RESULT 538
US-09-156-807-45/c
; Sequence 45, Application US/09156807
; Patent No. 6030786
; GENERAL INFORMATION:
; APPLICANT: Cowsett, Lex M.
; TITLE OF INVENTION: ANTISENSE MODULATION OF RHOc EXPRESSION
; FILE REFERENCE: RTS-0014
; CURRENT APPLICATION NUMBER: US/09/156,807
; CURRENT FILING DATE: 1998-09-18
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 45
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-156-807-45

Query Match 3.9%; Score 11.2; DB 1; Length 18;
Best Local Similarity 81.2%; Pred. No. 3.4e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 712 TCCAGGAGAGTGACT 727
Db 16 TCACAGGAAAGTGCT 1

RESULT 539
US-09-387-341-147/c
; Sequence 147, Application US/09387341
; Patent No. 6410323
; GENERAL INFORMATION:
; APPLICANT: Roberts M Luisa

; APPLICANT: Cowsett, Lex M.
; TITLE OF INVENTION: Antisense Modulation of Human Rho Family Gene
; FILE REFERENCE: ISPH-0404
; CURRENT APPLICATION NUMBER: US/09/387,341
; CURRENT FILING DATE: 1999-08-31
; EARLIER APPLICATION NUMBER: 09/156,424
; EARLIER FILING DATE: 1998-09-18
; EARLIER APPLICATION NUMBER: 09/156,979
; EARLIER FILING DATE: 1998-09-18
; EARLIER APPLICATION NUMBER: 09/156,807
; EARLIER FILING DATE: 1998-09-18
; EARLIER APPLICATION NUMBER: 09/161,015
; EARLIER FILING DATE: 1998-09-25
; NUMBER OF SEQ ID NOS: 233
; SOFTWARE: Patent in Ver. 2.0
; SEQ ID NO 147
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-387-341-147

Query Match 3.9%; Score 11.2; DB 1; Length 18;
Best Local Similarity 81.2%; Pred. No. 3.4e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 712 TCCAGGAGAGTGACT 727
Db 16 TCACAGGAAAGTGCT 1

RESULT 540
US-09-249-155A-256
; Sequence 256, Application US/09249155A
; Patent No. 6538173
; GENERAL INFORMATION:
; APPLICANT: Heber-Katz, Ellen
; TITLE OF INVENTION: Compositions and Methods for Wound
; FILE REFERENCE: 00486.78503
; CURRENT APPLICATION NUMBER: US/09/249,155A
; CURRENT FILING DATE: 1999-02-12
; PRIOR APPLICATION NUMBER: US 60/074,737
; PRIOR FILING DATE: 1998-02-13
; PRIOR APPLICATION NUMBER: US 60/097,937
; PRIOR FILING DATE: 1998-08-26
; PRIOR APPLICATION NUMBER: US 60/102,051
; PRIOR FILING DATE: 1998-09-28
; NUMBER OF SEQ ID NOS: 346
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 256
; LENGTH: 11
; TYPE: DNA
; ORGANISM: Mus musculus
US-09-249-155A-256

Query Match 3.8%; Score 11; DB 1; Length 11;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 721 AGTCACTCTGG 731
Db 1 AGTCACTCTGG 11

RESULT 541
US-09-281-418-76
; Sequence 76, Application US/09281418
; Patent No. 6287769
; GENERAL INFORMATION:
; APPLICANT: Inoue, Takakazu

```
; TITLE OF INVENTION: Method of Amplifying DNA Fragment, Apparatus for Amplifying DNA F
; TITLE OF INVENTION: agent, Method of Assaying Microorganisms, Method of Analyzing Mi
; TITLE OF INVENTION: nisms and Method of Assaying Contaminant
; FILE REFERENCE: 9982-7
; CURRENT APPLICATION NUMBER: US/09/281,418
; CURRENT FILING DATE: 1999-03-30
; EARLIER APPLICATION NUMBER: JP/1998/87651
; EARLIER FILING DATE: 1998-03-31
; EARLIER APPLICATION NUMBER: JP/1999/69694
; EARLIER FILING DATE: 1999-03-16
; NUMBER OF SEQ ID NOS: 216
; SEQ ID NO 76
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
; OTHER INFORMATION: Primer
US-09-281-418-76

Query Match 3.8%; Score 11; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 1.7e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 848 GACAGCGTCCT 858
|||||
DB 1 GACAGCGTCCT 11

RESULT 542
PCT-US91-03680-80
; Sequence 80, Application PC/TUS9103680
; GENERAL INFORMATION:
; APPLICANT: Matteucci, Mark D.
; APPLICANT: Krawczyk, Steven
; TITLE OF INVENTION: SEQUENCE-SPECIFIC NONPHOTOACTIVATED
; TITLE OF INVENTION: CROSSLINKING AGENTS WHICH BIND TO THE MAJOR GROOVE OF
; TITLE OF INVENTION: DUPLEX DNA
; NUMBER OF SEQUENCES: 158
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Morrison & Foerster
; STREET: 545 Middlefield Road, Suite 200
; CITY: Menlo Park
; STATE: California
; COUNTRY: USA
; ZIP: 94025
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US91/03680
; FILING DATE: 19910524
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Murashige, Kate H.
; REGISTRATION NUMBER: 29,959
; REFERENCE/DOCKET NUMBER: 4610-0011.40
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-327-7250
; TELEFAX: 415-327-2951
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 80:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 12 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 1
; OTHER INFORMATION: /mod_base= OTHER
; OTHER INFORMATION: /note= "N4,N4-ethanocytosine"
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; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 3
; OTHER INFORMATION: /mod_base= OTHER
; OTHER INFORMATION: /note= "5-methylcytosine"
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 8
; OTHER INFORMATION: /mod_base= OTHER
; OTHER INFORMATION: /note= "5-methylcytosine"
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 11
; OTHER INFORMATION: /mod_base= OTHER
; OTHER INFORMATION: /note= "5-methylcytosine"
PCT-US91-03680-80

Query Match 3.8%; Score 11; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 1.7e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 832 TCCTTTCTTCT 842
|||||
DB 2 TCCTTTCTTCT 12

RESULT 543
US-08-182-968A-428/c
; Sequence 428, Application US/08182968A
; Patent No. 5610054
; GENERAL INFORMATION:
; APPLICANT: Draper, Kenneth G.
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; TITLE OF INVENTION: INHIBITING HEPATITIS C
; TITLE OF INVENTION: VIRUS REPLICATION
; NUMBER OF SEQUENCES: 497
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/182,968A
; FILING DATE: 13-JANUARY-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/882,888
; FILING DATE: 14-MAY-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 205/277
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 428:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-182-968A-428

Query Match 3.8%; Score 11; DB 1; Length 15;
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Best Local Similarity 100.0%; Pred. No. 2.7e+02; Indels 0; Gaps 0;
Matches 11; Conservative 0; Mismatches 0;

Qy 713 CCCAGGAGGT 723
Db 13 CCCAGGAGGT 3

RESULT 544
US-08-291-932A-272
; Sequence 272, Application US/08291932A
; Patent No. 5658780
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth G.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: NF-KB
; NUMBER OF SEQUENCES: 830
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/291,932A
; FILING DATE: August 15, 1994
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA: including application
; PRIOR APPLICATION DATA: described below:
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/157
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 272:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-291-932A-272

Query Match 3.8%; Score 11; DB 1; Length 15;
Best Local Similarity 63.6%; Pred. No. 2.7e+02; Indels 0; Gaps 0;
Matches 7; Conservative 4; Mismatches 0;

Qy 897 CTCAGTCTCTG 907
Db 1 CUCAGCUCUG 11

RESULT 545
US-08-363-240A-61
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; Sequence 61, Application US/08363240A
; Patent No. 5705386
; GENERAL INFORMATION:
; APPLICANT: Couture, Larry
; APPLICANT: McSwiggen, James
; APPLICANT: Bisgaier, Charles
; APPLICANT: Pape, Michael
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; TITLE OF INVENTION: PREVENTION, INHIBITION OF
; TITLE OF INVENTION: PROGRESSION AND REGRESSION
; TITLE OF INVENTION: OF VASCULAR DISEASES
; NUMBER OF SEQUENCES: 1243
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/363,240A
; FILING DATE: December 23, 1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 210/096
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 61:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-363-240A-61

Query Match 3.8%; Score 11; DB 1; Length 15;
Best Local Similarity 63.6%; Pred. No. 2.7e+02; Indels 0; Gaps 0;
Matches 7; Conservative 4; Mismatches 0;

Qy 722 GTGACTCTGT 732
Db 2 GUGACUCUGU 12

RESULT 546
US-08-774-306A-428/c
; Sequence 428, Application US/08774306A
; Patent No. 5869253
; GENERAL INFORMATION:
; APPLICANT: Draper, Kenneth G.
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; TITLE OF INVENTION: INHIBITING HEPATITIS C
; TITLE OF INVENTION: VIRUS REPLICATION
; NUMBER OF SEQUENCES: 497
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
```

```

; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/774,306A
; FILING DATE: December 26, 1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/182,968
; FILING DATE: January 13, 1994
; APPLICATION NUMBER: 07/882,888
; FILING DATE: May 14, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 223/227
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 428:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-774-306A-428

Query Match 3.8%; Score 11; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 2.7e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 713 CCCAGGAGAGT 723
Db 13 CCCAGGAGAGT 3

RESULT 547
US-09-064-156A-428/c
; Sequence 428, Application US/09064156A
; Patent No. 6132966
; GENERAL INFORMATION:
; APPLICANT: Draper, Kenneth G.
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; TITLE OF INVENTION: INHIBITING HEPATITIS C
; TITLE OF INVENTION: VIRUS REPLICATION
; NUMBER OF SEQUENCES: 498
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/064,156A
; FILING DATE: April 21, 1998
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/774,306
; FILING DATE: December 26, 1996
; APPLICATION NUMBER: 08/182,968
; FILING DATE: January 13, 1994

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; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5974
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-5974

Query Match          3.8%; Score 11; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 3e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      894 CTTCTCAGCTT 904
DB      16 CTTCTCAGCTT 6

RESULT 550
US-09-479-005A-174/c
; Sequence 174, Application US/09479005A
; Patent No. 6656731
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Nucleic Acid Catalysts with Endonuclease Activity
; FILE REFERENCE: MBH00-884-C
; CURRENT APPLICATION NUMBER: US/09/479,005A
; CURRENT FILING DATE: 2000-01-07
; PRIOR APPLICATION NUMBER: US 09/444,209
; PRIOR FILING DATE: 1999-11-19
; PRIOR APPLICATION NUMBER: US 09/159,274
; PRIOR FILING DATE: 1998-09-22
; PRIOR APPLICATION NUMBER: US 60/059,473
; PRIOR FILING DATE: 1997-09-22
; NUMBER OF SEQ ID NOS: 1208
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 174
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-479-005A-174

Query Match          3.8%; Score 11; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 3e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      923 CACCACCAACC 933
DB      11 CACCACCAACC 1

RESULT 551
US-08-452-242-18/c
; Sequence 18, Application US/08452242
; Patent No. 5935795
; GENERAL INFORMATION:
; APPLICANT: LIN, LEU-FEN; COLLINS, FRANKLIN D.;
; APPLICANT: DOHERTY, DANIEL H.; LILE, JACK; BEKTESH,
; APPLICANT: SUSAN
; TITLE OF INVENTION: Glial Derived Neurotrophic Factor
; NUMBER OF SEQUENCES: 24
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Swanson & Bratschun, L.L.C.
; STREET: 8400 E. Prentice Avenue, Suite 200
; CITY: Englewood
; STATE: Colorado
; COUNTRY: USA
; ZIP: 80111

; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5974
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-5974

Query Match          3.8%; Score 11; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 3e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      894 CTTCTCAGCTT 904
DB      16 CTTCTCAGCTT 6

RESULT 550
US-09-479-005A-174/c
; Sequence 174, Application US/09479005A
; Patent No. 6656731
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Nucleic Acid Catalysts with Endonuclease Activity
; FILE REFERENCE: MBH00-884-C
; CURRENT APPLICATION NUMBER: US/09/479,005A
; CURRENT FILING DATE: 2000-01-07
; PRIOR APPLICATION NUMBER: US 09/444,209
; PRIOR FILING DATE: 1999-11-19
; PRIOR APPLICATION NUMBER: US 09/159,274
; PRIOR FILING DATE: 1998-09-22
; PRIOR APPLICATION NUMBER: US 60/059,473
; PRIOR FILING DATE: 1997-09-22
; NUMBER OF SEQ ID NOS: 1208
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 174
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-479-005A-174

Query Match          3.8%; Score 11; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.4e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      856 CCTGGCTCCAG 866
DB      13 CCTGGCTCCAG 3

RESULT 552
US-08-453-176A-18/c
; Sequence 18, Application US/08453176A
; Patent No. 6015572
; GENERAL INFORMATION:
; APPLICANT: LIN, LEU-FEN
; APPLICANT: COLLINS, FRANKLIN D.
; APPLICANT: DOHERTY, DANIEL H.
; APPLICANT: LILE, JACK
; APPLICANT: BEKTESH, SUSAN
; TITLE OF INVENTION: Glial Cell Line-Derived Neurotrophic
; FACTOR
; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: AMGEN INC.
; STREET: One Amgen Center Drive
; CITY: Thousand Oaks
; STATE: California
; COUNTRY: USA
; ZIP: 91320-1789
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy Disk
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: 7.1
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```

; SOFTWARE: Microsoft Word for WIN 7.0a
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/453,176A
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/182,183
; FILING DATE: 23-MAY-1994
; INFORMATION FOR SEQ ID NO: 18:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; NAME/KEY: oligonucleotide primer PD2
US-08-453-176A-18

Query Match 3.8%; Score 11; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.4e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 856 CCTGGCTCCAG 866
| | | | | | | | | |
Db 13 CCTGGCTCCAG 3

RESULT 553
US-08-451-374-18/c
; Sequence 18, Application US/08451374
; Patent No. 6093802
; GENERAL INFORMATION:
; APPLICANT: LIN, LEU-PEN
; APPLICANT: COLLINS, FRANKLIN D.
; APPLICANT: DOHERTY, DANIEL H.
; APPLICANT: LILE, JACK
; APPLICANT: BEKTESH, SUSAN
; TITLE OF INVENTION: Glial Cell Line-Derived Neurotrophic
; TITLE OF INVENTION: Factor
; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: AMGEN INC.
; STREET: One Amgen Center Drive
; CITY: Thousand Oaks
; STATE: California
; COUNTRY: USA
; ZIP: 91320-1789
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy Disk
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: 7.1
; SOFTWARE: Microsoft Word for WIN 7.0a
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/451,374
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/453,176
; FILING DATE:
; INFORMATION FOR SEQ ID NO: 18:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; FEATURE:
; NAME/KEY: oligonucleotide primer PD2
US-08-451-374-18

Query Match 3.8%; Score 11; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.4e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 856 CCTGGCTCCAG 866
| | | | | | | | | |
Db 13 CCTGGCTCCAG 3

RESULT 555
US-08-452-229-18/c
; Sequence 18, Application US/08452229
; Patent No. 6362319
; GENERAL INFORMATION:
; APPLICANT: LIN, LEU-PEN
; APPLICANT: COLLINS, FRANKLIN D.
; APPLICANT: DOHERTY, DANIEL H.
; APPLICANT: LILE, JACK
; APPLICANT: BEKTESH, SUSAN
; TITLE OF INVENTION: Glial Cell Line-Derived Neurotrophic
; TITLE OF INVENTION: Factor
; NUMBER OF SEQUENCES: 25
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: AMGEN INC.
; STREET: 1840 DeHavilland Drive
; CITY: Thousand Oaks
; STATE: California
; COUNTRY: USA
; ZIP: 91320-1789
; COMPUTER READABLE FORM:

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Db 13 CCTGGCTCCAG 3

RESULT 554
US-08-935-268A-18/c
; Sequence 18, Application US/08935268A
; Patent No. 6221376
; GENERAL INFORMATION:
; APPLICANT: LIN, LEU-PEN
; APPLICANT: COLLINS, FRANKLIN D.
; APPLICANT: DOHERTY, DANIEL H.
; APPLICANT: LILE, JACK
; APPLICANT: BEKTESH, SUSAN
; TITLE OF INVENTION: Glial Cell Line-Derived Neurotrophic
; TITLE OF INVENTION: Factor
; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: AMGEN INC.
; STREET: One Amgen Center Drive
; CITY: Thousand Oaks
; STATE: California
; COUNTRY: USA
; ZIP: 91320-1789
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy Disk
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: 7.1
; SOFTWARE: Microsoft Word for WIN 7.0a
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/935,268A
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/453,176
; FILING DATE:
; INFORMATION FOR SEQ ID NO: 18:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; FEATURE:
; NAME/KEY: oligonucleotide primer PD2
US-08-935-268A-18

Query Match 3.8%; Score 11; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.4e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 856 CCTGGCTCCAG 866
| | | | | | | | | |
Db 13 CCTGGCTCCAG 3

RESULT 555
US-08-452-229-18/c
; Sequence 18, Application US/08452229
; Patent No. 6362319
; GENERAL INFORMATION:
; APPLICANT: LIN, LEU-PEN
; APPLICANT: COLLINS, FRANKLIN D.
; APPLICANT: DOHERTY, DANIEL H.
; APPLICANT: LILE, JACK
; APPLICANT: BEKTESH, SUSAN
; TITLE OF INVENTION: Glial Cell Line-Derived Neurotrophic
; TITLE OF INVENTION: Factor
; NUMBER OF SEQUENCES: 25
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: AMGEN INC.
; STREET: 1840 DeHavilland Drive
; CITY: Thousand Oaks
; STATE: California
; COUNTRY: USA
; ZIP: 91320-1789
; COMPUTER READABLE FORM:

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; MEDIUM TYPE: Floppy Disk
; COMPUTER: Macintosh
; OPERATING SYSTEM: 7.1
; SOFTWARE: Microsoft Word 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/452,229
; FILING DATE: 26-MAY-1995
; PRIOR APPLICATION DATA: 530
; APPLICATION NUMBER: 08/182,183
; FILING DATE: 23-MAY-1994
; INFORMATION FOR SEQ ID NO: 18:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; NAME/KEY: oligonucleotide primer PD2
; US-08-452-229-18
;
; Query Match 3.8%; Score 11; DB 1; Length 17;
; Best Local Similarity 100.0%; Pred. No. 3.4e+02;
; Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
;
QY 856 CTGGGCTCCAG 866
Db 13 CTGGGCTCCAG 3
;
; RESULT 556
; US-08-465-590-108/c
; Sequence 108, Application US/08465590
; Patent No. 5824770
; GENERAL INFORMATION:
; APPLICANT: Georgopoulos, Katia A.
; TITLE OF INVENTION: IKAROS: A T CELL PATHWAY REGULATORY GENE
; NUMBER OF SEQUENCES: 164
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LAHIVE & COCKFIELD
; STREET: 60 STATE STREET, Suite 510
; CITY: BOSTON
; STATE: MASSACHUSETTS
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII (text)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/465,590
; FILING DATE: 05-JUN-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/238,212
; FILING DATE: 02-MAY-1994
; APPLICATION NUMBER: US 08/121,438
; FILING DATE: 14-SEP-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/946,233
; FILING DATE: 14-SEP-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Myers, Paul L.
; REGISTRATION NUMBER: 35,695
; REFERENCE/DOCKET NUMBER: MPG-006C2DV
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617)227-7400
; TELEFAX: (617)227-5941
; INFORMATION FOR SEQ ID NO: 108:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; NAME/KEY: oligonucleotide primer PD2
; US-08-452-229-18
;
; Query Match 3.8%; Score 11; DB 1; Length 17;
; Best Local Similarity 100.0%; Pred. No. 3.4e+02;
; Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
;
QY 856 CTGGGCTCCAG 866
Db 13 CTGGGCTCCAG 3
;
; RESULT 556
; US-08-465-590-108/c
; Sequence 108, Application US/08465590
; Patent No. 5824770
; GENERAL INFORMATION:
; APPLICANT: Georgopoulos, Katia A.
; TITLE OF INVENTION: IKAROS: A T CELL PATHWAY REGULATORY GENE
; NUMBER OF SEQUENCES: 164
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LAHIVE & COCKFIELD
; STREET: 60 STATE STREET, Suite 510
; CITY: BOSTON
; STATE: MASSACHUSETTS
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII (text)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/465,590
; FILING DATE: 05-JUN-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/238,212
; FILING DATE: 02-MAY-1994
; APPLICATION NUMBER: US 08/121,438
; FILING DATE: 14-SEP-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/946,233
; FILING DATE: 14-SEP-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Myers, Paul L.
; REGISTRATION NUMBER: 35,695
; REFERENCE/DOCKET NUMBER: MPG-006C2DV
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617)227-7400
; TELEFAX: (617)227-5941
; INFORMATION FOR SEQ ID NO: 108:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; NAME/KEY: oligonucleotide primer PD2
; US-08-452-229-18
;
; Query Match 3.8%; Score 11; DB 1; Length 17;
; Best Local Similarity 100.0%; Pred. No. 3.4e+02;
; Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
;
QY 856 CTGGGCTCCAG 866
Db 13 CTGGGCTCCAG 3
;
; RESULT 556
; US-08-465-590-108/c
; Sequence 108, Application US/08465590
; Patent No. 5824770
; GENERAL INFORMATION:
; APPLICANT: Georgopoulos, Katia A.
; TITLE OF INVENTION: IKAROS: A T CELL PATHWAY REGULATORY GENE
; NUMBER OF SEQUENCES: 164
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LAHIVE & COCKFIELD
; STREET: 60 STATE STREET, Suite 510
; CITY: BOSTON
; STATE: MASSACHUSETTS
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII (text)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/465,590
; FILING DATE: 05-JUN-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/238,212
; FILING DATE: 02-MAY-1994
; APPLICATION NUMBER: US 08/121,438
; FILING DATE: 14-SEP-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/946,233
; FILING DATE: 14-SEP-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Myers, Paul L.
; REGISTRATION NUMBER: 35,695
; REFERENCE/DOCKET NUMBER: MPG-006C2DV
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617)227-7400
; TELEFAX: (617)227-5941
; INFORMATION FOR SEQ ID NO: 108:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; NAME/KEY: oligonucleotide primer PD2
; US-08-452-229-18
;
; Query Match 3.8%; Score 11; DB 1; Length 17;
; Best Local Similarity 100.0%; Pred. No. 3.4e+02;
; Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
;
QY 856 CTGGGCTCCAG 866
Db 13 CTGGGCTCCAG 3
;
; RESULT 556
; US-08-465-590-108/c
; Sequence 108, Application US/08465590
; Patent No. 5824770
; GENERAL INFORMATION:
; APPLICANT: Georgopoulos, Katia A.
; TITLE OF INVENTION: IKAROS: A T CELL PATHWAY REGULATORY GENE
; NUMBER OF SEQUENCES: 164
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LAHIVE & COCKFIELD
; STREET: 60 STATE STREET, Suite 510
; CITY: BOSTON
; STATE: MASSACHUSETTS
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII (text)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/465,590
; FILING DATE: 05-JUN-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/238,212
; FILING DATE: 02-MAY-1994
; APPLICATION NUMBER: US 08/121,438
; FILING DATE: 14-SEP-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/946,233
; FILING DATE: 14-SEP-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Myers, Paul L.
; REGISTRATION NUMBER: 35,695
; REFERENCE/DOCKET NUMBER: MPG-006C2DV
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617)227-7400
; TELEFAX: (617)227-5941
; INFORMATION FOR SEQ ID NO: 108:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; NAME/KEY: oligonucleotide primer PD2
; US-08-452-229-18
;
; Query Match 3.8%; Score 11; DB 1; Length 17;
; Best Local Similarity 100.0%; Pred. No. 3.4e+02;
; Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
;
QY 856 CTGGGCTCCAG 866
Db 13 CTGGGCTCCAG 3
;
; RESULT 556
; US-08-465-590-108/c
; Sequence 108, Application US/08465590
; Patent No. 5824770
; GENERAL INFORMATION:
; APPLICANT: Georgopoulos, Katia A.
; TITLE OF INVENTION: IKAROS: A T CELL PATHWAY REGULATORY GENE
; NUMBER OF SEQUENCES: 164
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LAHIVE & COCKFIELD
; STREET: 60 STATE STREET, Suite 510
; CITY: BOSTON
; STATE: MASSACHUSETTS
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII (text)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/465,590
; FILING DATE: 05-JUN-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/238,212
; FILING DATE: 02-MAY-1994
; APPLICATION NUMBER: US 08/121,438
; FILING DATE: 14-SEP-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/946,233
; FILING DATE: 14-SEP-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Myers, Paul L.
; REGISTRATION NUMBER: 35,695
; REFERENCE/DOCKET NUMBER: MPG-006C2DV
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617)227-7400
; TELEFAX: (617)227-5941
; INFORMATION FOR SEQ ID NO: 108:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; NAME/KEY: oligonucleotide primer PD2
; US-08-452-229-18
;
; Query Match 3.8%; Score 11; DB 1; Length 17;
; Best Local Similarity 100.0%; Pred. No. 3.4e+02;
; Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
;
QY 856 CTGGGCTCCAG 866
Db 13 CTGGGCTCCAG 3
;
; RESULT 556
; US-08-465-590-108/c
; Sequence 108, Application US/08465590
; Patent No. 5824770
; GENERAL INFORMATION:
; APPLICANT: Georgopoulos, Katia A.
; TITLE OF INVENTION: IKAROS: A T CELL PATHWAY REGULATORY GENE
; NUMBER OF SEQUENCES: 164
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LAHIVE & COCKFIELD
; STREET: 60 STATE STREET, Suite 510
; CITY: BOSTON
; STATE: MASSACHUSETTS
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII (text)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/465,590
; FILING DATE: 05-JUN-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/238,212
; FILING DATE: 02-MAY-1994
; APPLICATION NUMBER: US 08/121,438
; FILING DATE: 14-SEP-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/946,233
; FILING DATE: 14-SEP-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Myers, Paul L.
; REGISTRATION NUMBER: 35,695
; REFERENCE/DOCKET NUMBER: MPG-006C2DV
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617)227-7400
; TELEFAX: (617)227-5941
; INFORMATION FOR SEQ ID NO: 108:
; SEQUENCE CHARACTER
```


Patent No. 6537775
GENERAL INFORMATION:
APPLICANT: Tournier-Lasserre, Elisabeth
APPLICANT: Joutel, Anne
APPLICANT: Bousser, Marie-Germaine
APPLICANT: Bach, Jean-Francois
TITLE OF INVENTION: GENE INVOLVED IN CADASIL, METHOD OF DIAGNOSIS AND
FILE REFERENCE: 03715.0048-00000
CURRENT APPLICATION NUMBER: US/09/230,652A
CURRENT FILING DATE: 1999-05-17
EARLIER APPLICATION NUMBER: FR 96 09733
EARLIER FILING DATE: 1996-08-01
EARLIER APPLICATION NUMBER: FR 97 04680
EARLIER FILING DATE: 1997-04-16
EARLIER APPLICATION NUMBER: PCT/FR97/01433
EARLIER FILING DATE: 1997-07-31
NUMBER OF SEQ ID NOS: 163
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 64
LENGTH: 14
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: primer
US-09-230-652-64
Query Match 3.7%; Score 10.8; DB 1; Length 14;
Best Local Similarity 85.7%; Pred. No. 2.6e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 931 CCCTCCAGAGAATT 944
Db 1 CCCTCCAGGGAAT 14
RESULT 559
US-09-723-909-108/c
Sequence 108, Application US/09723909
Patent No. 6630141
GENERAL INFORMATION:
APPLICANT: Georgopoulos, Katia A.
TITLE OF INVENTION: IKAROS: A T CELL PATHWAY REGULATORY GENE
NUMBER OF SEQUENCES: 202
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
STREET: 225 Franklin Street
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02110-2804
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows 95
SOFTWARE: FastSeq for Windows Version 2.0b
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/723,909
FILING DATE: 28-NOV. 6630141-2000
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/711,417
FILING DATE: 05-SEP-1996
APPLICATION NUMBER: 08/238,212
FILING DATE: 02-MAY-1994
APPLICATION NUMBER: 08/121,438
FILING DATE: 14-SEP-1993
APPLICATION NUMBER: 07/946,233
FILING DATE: 14-SEP-1992
ATTORNEY/AGENT INFORMATION:
NAME: Myers, Louis P.
REGISTRATION NUMBER: 35,965
REFERENCE/DOCKET NUMBER: 10287/007001
TELECOMMUNICATION INFORMATION:

TELEPHONE: 617/542-5070
TELEFAX: 617/542-8906
TELEX: 200154
INFORMATION FOR SEQ ID NO: 108:
SEQUENCE CHARACTERISTICS:
LENGTH: 14 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
SEQUENCE DESCRIPTION: SEQ ID NO: 108:
US-09-723-909-108
Query Match 3.7%; Score 10.8; DB 1; Length 14;
Best Local Similarity 85.7%; Pred. No. 2.6e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 891 TTACTTCTCAGCTT 904
Db 14 TTACTTCCACCTT 1
RESULT 560
US-09-874-601-180/c
Sequence 180, Application US/09874601
Patent No. 6632057
GENERAL INFORMATION:
APPLICANT: LEWIN, ALFRED S.
APPLICANT: SHAW, LYNN C.
TITLE OF INVENTION: ADENO-ASSOCIATED VIRUS-DELIVERED RIBOZYME COMPOSITIONS AND METHOD
FILE REFERENCE: 4300.014100
CURRENT APPLICATION NUMBER: US/09/874,601
CURRENT FILING DATE: 2001-05-01
PRIOR APPLICATION NUMBER: 09/063,667
PRIOR FILING DATE: 1998-04-21
PRIOR APPLICATION NUMBER: 60/046,147
PRIOR FILING DATE: 1997-05-09
PRIOR APPLICATION NUMBER: 60/044,492
PRIOR FILING DATE: 1997-04-21
NUMBER OF SEQ ID NOS: 182
SOFTWARE: PatentIn version 3.0
SEQ ID NO 180
LENGTH: 14
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
NAME/KEY: misc_feature
LOCATION: ().()
OTHER INFORMATION: SYNTHETIC OLIGONUCLEOTIDE
US-09-874-601-180
Query Match 3.7%; Score 10.8; DB 1; Length 14;
Best Local Similarity 85.7%; Pred. No. 2.6e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 899 CAGCTTCTCGATC 912
Db 14 CAGCTTCTCAATC 1
RESULT 561
PCT-US93-08743-108/c
Sequence 108, Application PC/TUS9308743
GENERAL INFORMATION:
APPLICANT:
TITLE OF INVENTION: IKAROS: A T CELL PATHWAY REGULATORY GENE
NUMBER OF SEQUENCES: 152
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS

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; SOFTWARE: ASCII
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US93/08743
; PRIOR APPLICATION DATA: US 946,233
; FILING DATE: 14-SEP-1992
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617)227-7400
; TELEFAX: (617)227-5941
; INFORMATION FOR SEQ ID NO: 108:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
PCT-US93-08743-108

Query Match 3.7%; Score 10.8; DB 1; Length 14;
Best Local Similarity 85.7%; Pred. No. 2.6e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 891 TTACTTCTCAGCTT 904
DB 14 TTACTTCCACCTT 1

RESULT 562
US-08-291-932A-95
; Sequence 95, Application US/08291932A
; Patent No. 5658780
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth G.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: NF-KB
; NUMBER OF SEQUENCES: 830
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/291,932A
; FILING DATE: August 15, 1994
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA: including application
; PRIOR APPLICATION DATA: described below:
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/157
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 160:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-291-932A-160

Query Match 3.7%; Score 10.8; DB 1; Length 15;
Best Local Similarity 71.4%; Pred. No. 2.9e+02;
Matches 9; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 798 AGAGCTCTCTCC 811
DB 2 AAGACUUCUCC 15

RESULT 563
US-08-291-932A-160
; Sequence 160, Application US/08291932A
; Patent No. 5658780
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth G.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: NF-KB
; NUMBER OF SEQUENCES: 830
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/291,932A
; FILING DATE: August 15, 1994
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA: including application
; PRIOR APPLICATION DATA: described below:
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/157
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 160:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-291-932A-160

Query Match 3.7%; Score 10.8; DB 1; Length 15;
Best Local Similarity 71.4%; Pred. No. 2.9e+02;
Matches 9; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 798 AGAGCTCTCTCC 811
DB 2 AAGACUUCUCC 15

RESULT 564
US-08-291-932A-160
; Sequence 160, Application US/08291932A
; Patent No. 5658780
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth G.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: NF-KB
; NUMBER OF SEQUENCES: 830
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/291,932A
; FILING DATE: August 15, 1994
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA: including application
; PRIOR APPLICATION DATA: described below:
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/157
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 160:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-291-932A-160

Query Match 3.7%; Score 10.8; DB 1; Length 15;
Best Local Similarity 71.4%; Pred. No. 2.9e+02;
Matches 9; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 798 AGAGCTCTCTCC 811
DB 2 AAGACUUCUCC 15
```

Matches 10; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 850 CAGCGTCTGCTCC 863
||||:|||||
Db 2 CAGCCUCCAGGCUC 15

RESULT 564

US-08-291-932A-284
; Sequence 284, Application US/08291932A

; Patent No. 5658780

GENERAL INFORMATION:

APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth G.
APPLICANT: McSwiggen, James
TITLE OF INVENTION: RIBOZYME TREATMENT OF
DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: NF-KB
NUMBER OF SEQUENCES: 830

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/291,932A
FILING DATE: August 15, 1994

CLASSIFICATION: 514

PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:

APPLICATION NUMBER: 08/245,466

FILING DATE: May 18, 1994

APPLICATION NUMBER: 07/987,132

FILING DATE: December 7, 1992

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/157
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440

TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 284:

SEQUENCE CHARACTERISTICS:

LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

US-08-291-932A-284

Query Match 3.7%; Score 10.8; DB 1; Length 15;

Best Local Similarity 64.3%; Pred. No. 2.9e+02;

Matches 9; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 798 AAGAGCTCTCTCC 811
||||:|||||
Db 2 AAGACUCCUCC 15

RESULT 565

US-08-291-932A-364/c

; Sequence 364, Application US/08291932A

; Patent No. 5658780

GENERAL INFORMATION:

APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth G.
APPLICANT: McSwiggen, James
TITLE OF INVENTION: RIBOZYME TREATMENT OF
DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: NF-KB
NUMBER OF SEQUENCES: 830

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/291,932A
FILING DATE: August 15, 1994

CLASSIFICATION: 514

PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:

APPLICATION NUMBER: 08/245,466

FILING DATE: May 18, 1994

APPLICATION NUMBER: 07/987,132

FILING DATE: December 7, 1992

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/157
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440

TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 364:

SEQUENCE CHARACTERISTICS:

LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

US-08-291-932A-364

Query Match 3.7%; Score 10.8; DB 1; Length 15;

Best Local Similarity 85.7%; Pred. No. 2.9e+02;

Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 840 TCTGTGAAGACAGC 853
||||:|||||
Db 14 TCTGTGAAGACAGC 1

RESULT 566

US-08-334-847-526/c

; Sequence 526, Application US/08334847

; Patent No. 5693532

GENERAL INFORMATION:

APPLICANT: McSwiggen, James
APPLICANT: Draper, Kenneth
APPLICANT: Pavco, Pam
APPLICANT: Woolf, Tod
TITLE OF INVENTION: METHOD AND REAGENT FOR
INHIBITING RESPIRATORY
TITLE OF INVENTION: SYNCTIAL VIRUS
NUMBER OF SEQUENCES: 909

REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/166
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 135:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-311-486C-135

Query Match 3.7%; Score 10.8; DB 1; Length 15;
Best Local Similarity 64.3%; Pred. No. 2.9e+02;
Matches 9; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 939 AGAATTTTACGCA 952
DB 1 AGAACUUUAAGCAA 14

RESULT 570
US-08-311-486C-622/c
; Sequence 622, Application US/08311486C
; Patent No. 5811300
; GENERAL INFORMATION:
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth Draper
; APPLICANT: Kevin Kisich
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: TNF-
; NUMBER OF SEQUENCES: 1157
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/311,486C
; FILING DATE: September 23, 1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA: including application
; PRIOR APPLICATION DATA: described below:
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/166
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 622:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-311-486C-622

Query Match 3.7%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 2.9e+02;

REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/166
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 135:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-311-486C-135

Query Match 3.7%; Score 10.8; DB 1; Length 15;
Best Local Similarity 64.3%; Pred. No. 2.9e+02;
Matches 9; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 939 AGAATTTTACGCA 952
DB 2 AGAACUUUAAGCAA 15

RESULT 569
US-08-311-486C-136
; Sequence 136, Application US/08311486C
; Patent No. 5811300
; GENERAL INFORMATION:
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth Draper
; APPLICANT: Kevin Kisich
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: TNF-
; NUMBER OF SEQUENCES: 1157
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/311,486C
; FILING DATE: September 23, 1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA: including application
; PRIOR APPLICATION DATA: described below:
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/166
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 136:
; SEQUENCE CHARACTERISTICS:

Query Match 3.7%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 2.9e+02;

Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 863 CCAGTGGAACT 876
Db 15 CCAGCTGGAAGACT 2

RESULT 571

US-08-311-486C-623
; Sequence 623, Application US/08311486C
; Patent No. 5811300
; GENERAL INFORMATION:
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth Draper
; APPLICANT: Kevin Kisich
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwigen
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: TNF-
; NUMBER OF SEQUENCES: 1157
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066

COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/311,486C
; FILING DATE: September 23, 1994
; CLASSIFICATION: 435

PRIOR APPLICATION DATA: including application
; PRIOR APPLICATION DATA: described below:
; APPLICATION NUMBER: 08/008,895

FILING DATE: January 19, 1993

APPLICATION NUMBER: 07/989,849

FILING DATE: December 7, 1992

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard J.

REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 209/166

TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 623:

SEQUENCE CHARACTERISTICS:

LENGTH: 15 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-311-486C-623

Query Match 3.7%; Score 10.8; DB 1; Length 15;
Best Local Similarity 71.4%; Pred. No. 2.9e+02;
Matches 10; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 810 CCAACTCAGGGTTG 823
Db 2 CCAACUCAGCGUG 15

RESULT 572

US-08-173-489C-35/C
; Sequence 35, Application US/08173489C
; Patent No. 5861244
; GENERAL INFORMATION:
; APPLICANT: WANG, C. -G.
; APPLICANT: HEPBURN, A. G.
; TITLE OF INVENTION: GENETIC SEQUENCE ASSAY USING DNA
; TITLE OF INVENTION: TRIPLE-STRAND FORMATION.
; NUMBER OF SEQUENCES: 365
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: PROFILE DIAGNOSTIC SCIENCES, INC.,
; STREET: 510 EAST 73RD STREET,
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10021.
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch, 1.44Mb storage
; COMPUTER: IBM PC/XT/AT
; OPERATING SYSTEM: MS-DOS version 6.2
; SOFTWARE: Wordperfect Version 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/173,489C
; FILING DATE: 22 DEC 1993
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/968,436
; FILING DATE: 29 OCT 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Handelsman, Joseph H.
; REGISTRATION NUMBER: 26,179
; REFERENCE/DOCKET NUMBER: U9518-6
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (attorney) (212) 708-1880
; TELEFAX: (attorney) (212) 246-8959
; INFORMATION FOR SEQ ID NO: 35:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: double stranded
; TOPOLOGY: linear
; MOLECULE TYPE: Genomic DNA
; DESCRIPTION: dystrophin gene (Accession # M18533, 5822
; DESCRIPTION: M17154, M18026) nucleotides 5808 to 5822
; HYPOTHEetical: No
; ANTI-SENSE: No
; ORIGINAL SOURCE:
; ORGANISM: Homo sapiens
; POSITION IN GENOME:
; CHROMOSOME/SEGMENT: X-chromosome
; MAP POSITION: Xp21.3-p21.1
; PUBLICATION INFORMATION:
; AUTHORS: Koenig, M, Hoffman, E P, Feener, C C, Bertelson, C J,
; AUTHORS: Monaco, A P, Feener, C, Kunkel, L M.
; TITLE: Complete cloning of the
; TITLE: Duchenne muscular dystrophy (DMD) cDNA and
; TITLE: preliminary genomic organization of the DMD
; TITLE: gene in normal and affected individuals
; JOURNAL: Cell
; VOLUME: 50
; PAGES: 509-517
; DATE: 1987
; AUTHORS: Hoffman, E P, Monaco, A P, Feener, C C,
; AUTHORS: Kunkel, L M.
; TITLE: Conservation of the Duchenne
; TITLE: muscular dystrophy gene in mice and humans
; JOURNAL: Science
; VOLUME: 238
; PAGES: 347-350
; DATE: 1987
; AUTHORS: Koenig, M, Monaco, A P, Kunkel, L M.
; TITLE: The complete sequence of
; TITLE: dystrophin predicts a rod-shaped cytoskeletal

```
; TITLE: protein
; JOURNAL: Cell
; VOLUME: 53
; PAGES: 219-228
; DATE: 1988
; RELEVANT RESIDUES IN SEQ ID NO: 35 :FROM 1 TO 15
US-08-173-489C-35

Query Match          3.7%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 2.9e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      831 CTCCTTTCTCTCT 844
Db      14 CTTTCTCTCTCTT 1

RESULT 573
US-08-585-684B-196
; Sequence 196, Application US/08585684B
; Patent No. 5877021
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/585,684B
; FILING DATE: January 16, 1996
; PRIOR APPLICATION NUMBER: 60/000,951
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/078
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 196:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-585-684B-196

Query Match          3.7%; Score 10.8; DB 1; Length 15;
Best Local Similarity 57.1%; Pred. No. 2.9e+02;
Matches 8; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

Qy      870 GAACACTTCTCTGA 883
Db      2 GAGCAUUUCCUGA 15
```

```
RESULT 574
US-08-585-684B-197
; Sequence 197, Application US/08585684B
; Patent No. 5877021
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/585,684B
; FILING DATE: January 16, 1996
; PRIOR APPLICATION NUMBER: 60/000,951
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/078
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 197:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-585-684B-197

Query Match          3.7%; Score 10.8; DB 1; Length 15;
Best Local Similarity 57.1%; Pred. No. 2.9e+02;
Matches 8; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

Qy      870 GAACACTTCTCTGA 883
Db      1 GAGCAUUUCCUGA 14

RESULT 575
US-08-585-684B-1225
; Sequence 1225, Application US/08585684B
; Patent No. 5877021
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
```

```

; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/585,684B
; FILING DATE: January 16, 1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/000,951
; FILING DATE: July 7, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/078
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1225:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-585-684B-1225

Query Match 3.7%; Score 10.8; DB 1; Length 15;
Best Local Similarity 57.1%; Pred. No. 2.9e+02;
Matches 8; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 836 TTCCTCTCTGAAGA 849
DB 1 UGCUCUCUGAAGA 14

RESULT 576
US-08-477-553A-3/c
; Sequence 3, Application US/08477553A
; Patent No. 5919910
; GENERAL INFORMATION:
; APPLICANT: HUGHES-JONES, Nevin C
; TITLE OF INVENTION: MONOCLONAL ANTIBODIES
; NUMBER OF SEQUENCES: 55
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Burns, Doane, Swecker & Mathis
; STREET: P.O. Box 1404
; CITY: Alexandria
; STATE: VA
; COUNTRY: USA
; ZIP: 22313-1404
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/477,553A
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/856,034
; FILING DATE: 23-JUNE-1992
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: GB 8925590.5
; FILING DATE: 13-NOV-1989
; ATTORNEY/AGENT INFORMATION:
; NAME: Meuth, Donna M.
; REGISTRATION NUMBER: 36,607
; REFERENCE/DOCKET NUMBER: 007330-032
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703) 836-6620
; TELEFAX: (703) 836-2021
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-477-553A-6

Query Match 3.7%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 2.9e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 860 GTCCTCAGTTGGAAC 873
DB 15 GCTCCAGTAGTAAC 2

RESULT 577
US-08-477-553A-6/c
; Sequence 6, Application US/08477553A
; Patent No. 5919910
; GENERAL INFORMATION:
; APPLICANT: HUGHES-JONES, Nevin C
; TITLE OF INVENTION: MONOCLONAL ANTIBODIES
; NUMBER OF SEQUENCES: 55
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Burns, Doane, Swecker & Mathis
; STREET: P.O. Box 1404
; CITY: Alexandria
; STATE: VA
; COUNTRY: USA
; ZIP: 22313-1404
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/477,553A
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/856,034
; FILING DATE: 23-JUNE-1992
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: GB 8925590.5
; FILING DATE: 13-NOV-1989
; ATTORNEY/AGENT INFORMATION:
; NAME: Meuth, Donna M.
; REGISTRATION NUMBER: 36,607
; REFERENCE/DOCKET NUMBER: 007330-032
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703) 836-6620
; TELEFAX: (703) 836-2021
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-477-553A-6

Query Match 3.7%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 2.9e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 860 GTCCTCAGTTGGAAC 873
DB 15 GCTCCAGTAGTAAC 2

ATTORNEY/AGENT INFORMATION:
; NAME: Meuth, Donna M.
; REGISTRATION NUMBER: 36,607
; REFERENCE/DOCKET NUMBER: 007330-032
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703) 836-6620
; TELEFAX: (703) 836-2021
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-477-553A-3

Query Match 3.7%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 2.9e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 860 GTCCTCAGTTGGAAC 873
DB 15 GCTCCAGTAGTAAC 2
```


Best Local Similarity 85.7%; Pred. No. 2.9e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 860 GCTCAGTTGGAAC 873
DB 15 GCTCAGTAGTAAC 2

RESULT 578
US-08-963-946-27/c
; Sequence 27, Application US/08963946
; Patent No. 5962273
; GENERAL INFORMATION:
; APPLICANT: Durmowicz, Gerard P.
; APPLICANT: Harris, James M.
; APPLICANT: Vanson, Karen D.
; TITLE OF INVENTION: Detection of Neisseria Gonorrhoeae by
; TITLE OF INVENTION: Amplification and Detection of Its Nucleic Acid
; NUMBER OF SEQUENCES: 39
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Richard J. Rodrick - Becton, Dickinson and
; ADDRESSEE: Company
; STREET: 1 Becton Drive
; CITY: Franklin Lakes
; STATE: NJ
; COUNTRY: USA
; ZIP: 07417
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/963,946
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Hightet, David W.
; REGISTRATION NUMBER: 30,265
; REFERENCE/DOCKET NUMBER: P-3869
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (201) 847-5317
; TELEFAX: (201) 848-9228
; INFORMATION FOR SEQ ID NO: 27:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-963-946-27

Query Match 3.7%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 2.9e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 830 TCTCTTTTCTTCTC 843
DB 14 TCTTTATCTTCTC 1

RESULT 579
US-08-994-946A-10
; Sequence 10, Application US/08994946A
; Patent No. 6046317
; GENERAL INFORMATION:
; APPLICANT: Koulou, Markku
; APPLICANT: Karvonen, Matti
; APPLICANT: Pesonen, Ullamari
; APPLICANT: Uusitupa, Matti
; TITLE OF INVENTION: A DNA Molecule Encoding a Mutant
; TITLE OF INVENTION: Prepro-Neuropeptide Y, a Mutant Signal Peptide, and Uses
; NUMBER OF SEQUENCES: 14

CORRESPONDENCE ADDRESS:
ADDRESSEE: Rothwell, Figg, Ernst & Kurz, P.C.
STREET: 555 13th Street NW, Suite 701-E
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20004
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/994,946A
FILING DATE: 19-DEC-1997
CLASSIFICATION: 800
ATTORNEY/AGENT INFORMATION:
NAME: Innen, Jeffrey L.
REGISTRATION NUMBER: 28,957
REFERENCE/DOCKET NUMBER: 2328-110
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-783-6040
TELEFAX: 202-783-6031
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "primer"
US-08-994-946A-10

Query Match 3.7%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 2.9e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 748 GGTCCCGGGTCCC 761
DB 2 GGTCCCGGGTCCC 15

RESULT 580
US-09-038-073-196
; Sequence 196, Application US/09038073
; Patent No. 6194150
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwigen, James
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF CRAFT TOLERANCE
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/038,073
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/585,684

```

; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/078
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 196:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-038-073-196

```

```

Query Match      3.7%; Score 10.8; DB 1; Length 15;
Best Local Similarity 57.1%; Pred. No. 2.9e+02;
Matches 8; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

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QY      870 GAACACTTTCCTGA 883
Db      2 GAGCAUUUCCUGA 15

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```

RESULT 581
US-09-038-073-197
; Sequence 197, Application US/09038073
; Patent No. 6194150
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071

```

```

; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSEQ Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/038, 073
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/585,584
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/078
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 197:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-038-073-197

```

```

; Query Match      3.7%; Score 10.8; DB 1; Length 15;
; Best Local Similarity 57.1%; Pred. No. 2.9e+02;
; Matches 8; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

```

```

; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/078
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 196:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-038-073-196

```

```

Query Match      3.7%; Score 10.8; DB 1; Length 15;
Best Local Similarity 57.1%; Pred. No. 2.9e+02;
Matches 8; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

```

```

QY      870 GAACACTTTCCTGA 883
Db      1 GAGCAUUUCCUGA 14

```

```

RESULT 582
US-09-038-073-1225
; Sequence 1225, Application US/09038073
; Patent No. 6194150
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSEQ Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/038, 073
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/585,584
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/078
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1225:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-038-073-1225

```

```

; Query Match      3.7%; Score 10.8; DB 1; Length 15;
; Best Local Similarity 57.1%; Pred. No. 2.9e+02;
; Matches 8; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

```

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QY      836 TTCTTCTCTGAAGA 849
Db      1 UGCUCUCCUGAGA 14

```

```

RESULT 583
US-09-081-646-421
; Sequence 421, Application US/09081646
; Patent No. 633152
; GENERAL INFORMATION:
; APPLICANT: Kinzler, Kenreth

```


FILE REFERENCE: MMH-0303US1
CURRENT APPLICATION NUMBER: US/09/811,286
CURRENT FILING DATE: 2001-03-16
NUMBER OF SEQ ID NOS: 18
SOFTWARE: Patent In Ver. 2.1
SEQ ID NO 13
LENGTH: 15
TYPE: DNA
ORGANISM: Homo sapiens
US-09-811-286-13

Query Match 3.7%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 2.9e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 763 AGGCTCCACTTCT 776
DB 14 AGGCCACCACTGCT 1

RESULT 588
US-08-303-004-37/c
Sequence 37, Application US/08303004
Patent No. 5556955

GENERAL INFORMATION:
APPLICANT: Verinaud, Gilles
TITLE OF INVENTION: Process for Detection of New Polymor-
PHIC LOCUS IN AN ADN SEQUENCE, NUCLEOTIDE SEQUENCES FORMING
TITLE OF INVENTION: Hybridisation Probes and Their Biological Applications
NUMBER OF SEQUENCES: 38
CORRESPONDENCE ADDRESS:
ADDRESSEE: Oliff & Berridge
STREET: P.O. Box 19928
CITY: Alexandria
STATE: Virginia
COUNTRY: U.S.A
ZIP: 22320

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/303,004
FILING DATE:
CLASSIFICATION: 536

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/931,311B
FILING DATE: 19920818

ATTORNEY/AGENT INFORMATION:

NAME: Berridge, William P.
REGISTRATION NUMBER: 30,024
REFERENCE/DOCKET NUMBER: WPB 28264
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 836-6400
TELEFAX: (703) 836-2787

INFORMATION FOR SEQ ID NO: 37:

SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)

HYPOTHETICAL: NO

ANTI-SENSE: NO

US-08-303-004-37

Query Match 3.7%; Score 10.8; DB 1; Length 16;
Best Local Similarity 85.7%; Pred. No. 3.3e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 778 AGGCCAGCCCTCT 791

DB 16 AGTCCAGCCCTCT 3

RESULT 589

US-08-210-880B-5
Sequence 5, Application US/08210880B
Patent No. 5641486

GENERAL INFORMATION:

APPLICANT: HINRICH, STEVEN H.

APPLICANT: ORTEN, DANA J.

TITLE OF INVENTION: METHOD AND COMPOSITION FOR INHIBITING

TITLE OF INVENTION: CREB/ATF1 FAMILY DETERMINED TRANSCRIPTION

NUMBER OF SEQUENCES: 11

CORRESPONDENCE ADDRESS:

ADDRESSEE: HENDERSON & STURM

STREET: 1125 S. 103RD ST., #330

CITY: OMAHA

STATE: NE

COUNTRY: US

ZIP: 68124

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent In Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/210,880B

FILING DATE: 18-MAR-1994

CLASSIFICATION: 424

ATTORNEY/AGENT INFORMATION:

NAME: JONDLE, ROBERT J.

REGISTRATION NUMBER: 33,915

REFERENCE/DOCKET NUMBER: 63066

TELECOMMUNICATION INFORMATION:

TELEPHONE: 402-398-9000

TELEFAX: 402-398-9005

INFORMATION FOR SEQ ID NO: 5:

SEQUENCE CHARACTERISTICS:

LENGTH: 16 base pairs

TYPE: nucleic acid

STRANDEDNESS: unknown

TOPOLOGY: unknown

MOLECULE TYPE: DNA (genomic)

US-08-210-880B-5

Query Match 3.7%; Score 10.8; DB 1; Length 16;
Best Local Similarity 85.7%; Pred. No. 3.3e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 792 GGTCCAGAGCTC 805

DB 2 GGGTCAGAGCTC 15

RESULT 590

US-08-291-932A-829/c

Sequence 829, Application US/08291932A

Patent No. 5658780

GENERAL INFORMATION:

APPLICANT: Stinchcomb, Dan T.

APPLICANT: Draper, Kenneth G.

APPLICANT: McSwigen, James

TITLE OF INVENTION: RIBOZYME TREATMENT OF

TITLE OF INVENTION: DISEASES OR CONDITIONS

TITLE OF INVENTION: RELATED TO LEVELS OF

TITLE OF INVENTION: NF-KB

NUMBER OF SEQUENCES: 830

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon

STREET: 633 West Fifth Street

STREET: Suite 4700

CITY: Los Angeles

```
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/291,932A
FILING DATE: August 15, 1994
CLASSIFICATION: 514
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/157
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 829:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-291-932A-829

Query Match 3.7%; Score 10.8; DB 1; Length 16;
Best Local Similarity 85.7%; Pred. No. 3.3e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 773 TTCTGAGGCGAGCC 786
Db 15 TTCTGAGGCGGCC 2

RESULT 591
US-08-771-411-5
Sequence 5, Application US/08771411
Patent No. 584096
GENERAL INFORMATION:
APPLICANT: HINRICHS, STEVEN H.
TITLE OF INVENTION: METHOD AND COMPOSITION FOR INHIBITING
TITLE OF INVENTION: CREB/ATF1 FAMILY DETERMINED TRANSCRIPTION
NUMBER OF SEQUENCES: 11
CORRESPONDENCE ADDRESS:
ADDRESSEE: HENDERSON & STURM
STREET: 1125 S. 103RD ST., #330
CITY: OMAHA
STATE: NE
COUNTRY: US
ZIP: 68124
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/771,411
FILING DATE: 20-DEC-1996
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/210,880

STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/291,932A
FILING DATE: August 15, 1994
CLASSIFICATION: 514
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/157
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 829:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-291-932A-829

Query Match 3.7%; Score 10.8; DB 1; Length 16;
Best Local Similarity 85.7%; Pred. No. 3.3e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 773 TTCTGAGGCGAGCC 786
Db 15 TTCTGAGGCGGCC 2

RESULT 591
US-08-771-411-5
Sequence 5, Application US/08771411
Patent No. 584096
GENERAL INFORMATION:
APPLICANT: HINRICHS, STEVEN H.
TITLE OF INVENTION: METHOD AND COMPOSITION FOR INHIBITING
TITLE OF INVENTION: CREB/ATF1 FAMILY DETERMINED TRANSCRIPTION
NUMBER OF SEQUENCES: 11
CORRESPONDENCE ADDRESS:
ADDRESSEE: HENDERSON & STURM
STREET: 1125 S. 103RD ST., #330
CITY: OMAHA
STATE: NE
COUNTRY: US
ZIP: 68124
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/771,411
FILING DATE: 20-DEC-1996
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/210,880

FILING DATE: 18-MAR-1994
ATTORNEY/AGENT INFORMATION:
NAME: JONDLE, ROBERT J.
REGISTRATION NUMBER: 33,915
REFERENCE/DOCKET NUMBER: 63066
TELEPHONE: 402-398-9000
TELEFAX: 402-398-9005
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: unknown
TOPOLOGY: unknown
MOLECULE TYPE: DNA (genomic)
US-08-771-411-5

Query Match 3.7%; Score 10.8; DB 1; Length 16;
Best Local Similarity 85.7%; Pred. No. 3.3e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 792 GGTGCCAAGAGCTC 805
Db 2 GGGGTCAAGAGCTC 15

RESULT 592
US-08-173-489C-4
Sequence 4, Application US/08173489C
Patent No. 5861244
GENERAL INFORMATION:
APPLICANT: WANG, C. -G.
TITLE OF INVENTION: GENETIC SEQUENCE ASSAY USING DNA
TITLE OF INVENTION: TRIPLE-STRAND FORMATION.
NUMBER OF SEQUENCES: 365
CORRESPONDENCE ADDRESS:
ADDRESSEE: PROFILE DIAGNOSTIC SCIENCES, INC.,
STREET: 510 EAST 73RD STREET,
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
ZIP: 10021
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44Mb storage
COMPUTER: IBM PC/XT/AT
OPERATING SYSTEM: MS-DOS version 6.2
SOFTWARE: Wordperfect Version 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/173,489C
FILING DATE: 22 DEC 1993
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/968,436
FILING DATE: 29 OCT 1992
ATTORNEY/AGENT INFORMATION:
NAME: Handelman, Joseph H.
REGISTRATION NUMBER: 26,179
REFERENCE/DOCKET NUMBER: U9518-6
TELEPHONE: (attorney) (212) 708-1880
TELEFAX: (attorney) (212) 246-8959
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 bases
TYPE: Nucleic Acid
STRANDEDNESS: single stranded
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: third strand derived from c-myc
DESCRIPTION: sequence region in Seq ID No. 58612443
HYPOTHETICAL: Yes
ANTI-SENSE: No
```

PUBLICATION INFORMATION:
RELEVANT RESIDUES IN SEQ ID NO: 4 :FROM 1 TO 16
US-08-173-489C-4

Query Match 3.7%; Score 10.8; DB 1; Length 16;
Best Local Similarity 85.7%; Pred. No. 3.3e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 830 TCTCTTTCTCTCT 843
| | | | | | | | | |
DB 1 TCTCTTTCTCTCT 14

RESULT 593
US-08-173-489C-29/C
Sequence 29, Application US/08173489C
Patent No. 5861244
GENERAL INFORMATION:
APPLICANT: WANG, C. -G.
TITLE OF INVENTION: GENETIC SEQUENCE ASSAY USING DNA
TITLE OF INVENTION: TRIPLE-STRAND FORMATION.
NUMBER OF SEQUENCES: 365
CORRESPONDENCE ADDRESS:
ADDRESS: PROFILE DIAGNOSTIC SCIENCES, INC.,
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
ZIP: 10021.

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44Mb storage
COMPUTER: IBM PC/XT/AT
OPERATING SYSTEM: MS-DOS version 6.2
SOFTWARE: Wordperfect Version 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/173,489C
FILING DATE: 22 DEC 1993
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/968,436
FILING DATE: 29 OCT 1992
ATTORNEY/AGENT INFORMATION:
NAME: Handelman, Joseph H.
REGISTRATION NUMBER: 26,179
REFERENCE/DOCKET NUMBER: U9518-6
TELECOMMUNICATION INFORMATION:
TELEPHONE: (attorney) (212) 708-1880
TELEFAX: (attorney) (212) 246-8959
INFORMATION FOR SEQ ID NO: 29:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: double stranded
TOPOLOGY: linear
MOLECULE TYPE: Genomic DNA
DESCRIPTION: dystrophin gene (Accession # M18533,
DESCRIPTION: M17154, M18026) nucleotides 3800 to 3815
HYPOTHETICAL: No
ANTI-SENSE: No
ORIGINAL SOURCE:
ORGANISM: Homo sapiens
POSITION IN GENOME:
CHROMOSOME/SEGMENT: X-chromosome
MAP POSITION: Xp21.3-p21.1
PUBLICATION INFORMATION:
AUTHORS: Koenig, M, Hoffman, E P, Bertelson, C J,
AUTHORS: Monaco, A P, Feener, C, Kunkel, L M.
TITLE: Complete cloning of the
TITLE: Duchenne muscular dystrophy (DMD) cDNA and
TITLE: preliminary genomic organization of the DMD
TITLE: gene in normal and affected individuals
JOURNAL: Cell

VOLUME: 50
PAGES: 509-517
DATE: 1987
AUTHORS: Hoffman, E P, Monaco, A P, Feener, C C,
AUTHORS: Kunkel, L M.
TITLE: Conservation of the Duchenne
TITLE: muscular dystrophy gene in mice and humans
JOURNAL: Science
VOLUME: 238
PAGES: 347-350
DATE: 1987
AUTHORS: Koenig, M, Monaco, A P, Kunkel, L M.
TITLE: The complete sequence of
TITLE: dystrophin predicts a rod-shaped cytoskeletal
TITLE: protein
JOURNAL: Cell
VOLUME: 53
PAGES: 219-228
DATE: 1988
RELEVANT RESIDUES IN SEQ ID NO: 29 :FROM 1 TO 16
US-08-173-489C-29

Query Match 3.7%; Score 10.8; DB 1; Length 16;
Best Local Similarity 85.7%; Pred. No. 3.3e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 831 CTCTTTCTCTCT 844
| | | | | | | | | |
DB 16 CTCTTTCTCTCT 3

RESULT 594
US-08-954-210-57
Sequence 57, Application US/08954210
Patent No. 6043077
GENERAL INFORMATION:
APPLICANT: Barber, Jack R.
APPLICANT: Weich, Peter J.
APPLICANT: Tritz, Richard
APPLICANT: Yei, Scompin
APPLICANT: Yu, Mang
TITLE OF INVENTION: HEPATITIS C VIRUS RIBOZYMES
NUMBER OF SEQUENCES: 73
CORRESPONDENCE ADDRESS:
ADDRESSEE: SEED and BERRY LLP
STREET: 6300 Columbia Center, 701 Fifth Avenue
CITY: Seattle
STATE: Washington
COUNTRY: USA
ZIP: 98104-7092
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/954,210
FILING DATE: 20-OCT-1997
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Mcmasters, David D.
REGISTRATION NUMBER: 33,963
REFERENCE/DOCKET NUMBER: 480124.403C1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: 57:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-954-210-57

Query Match 3.7%; Score 10.8; DB 1; Length 16;
Best Local Similarity 78.6%; Pred. No. 3.3e+02;
Matches 11; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 753 CAGGTCCTAGGC 766
DB 2 CAGGUCCTCCGGC 15

RESULT 595
US-08-482-918-13/c
; Sequence 13, Application US/08482918
; Patent No. 6207417
; GENERAL INFORMATION:
; APPLICANT: Zsebo, Krisztina M.
; APPLICANT: Bosselman, Robert A.
; APPLICANT: Suggs, Sidney V.
; APPLICANT: Martin, Francis H.
; TITLE OF INVENTION: Stem Cell Factor
; NUMBER OF SEQUENCES: 104
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
; STREET: 6300 Sears Tower, 233 South Wacker Drive
; CITY: Chicago
; STATE: Illinois
; COUNTRY: United States of America
; ZIP: 60606-6402
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/482,918
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 424
; ATTORNEY/AGENT INFORMATION:
; NAME: Clough, David W.
; REGISTRATION NUMBER: 36,107
; REFERENCE/DOCKET NUMBER: 01017/33005
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 312/474-6300
; TELEFAX: 312/474-0448
; TELEX: 25-3856
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-08-482-918-13

Query Match 3.7%; Score 10.8; DB 1; Length 16;
Best Local Similarity 85.7%; Pred. No. 3.3e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 718 GAGAGTGACTCTGG 731
DB 16 GACACTGACTCTGG 3

RESULT 596
US-09-224-681-13/c
; Sequence 13, Application US/09224681
; Patent No. 6207454
; GENERAL INFORMATION:
; APPLICANT: Zsebo, Krisztina M.
; APPLICANT: Bosselman, Robert A.
; APPLICANT: Suggs, Sidney V.
; APPLICANT: Martin, Francis H.
; TITLE OF INVENTION: Method for Enhancing the Efficiency of Gene

; TITLE OF INVENTION: Transfer with Stem Cell Factor (SCF) Polypeptide
; NUMBER OF SEQUENCES: 104
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
; STREET: 6300 Sears Tower, 233 South Wacker Drive
; CITY: Chicago
; STATE: Illinois
; COUNTRY: United States of America
; ZIP: 60606-6402
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/224,681
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/005,893
; FILING DATE: 12-JAN-1998
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/449,653
; FILING DATE: 24-MAY-1995
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/982,255
; FILING DATE: 25-NOV-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/589,701
; FILING DATE: 01-OCT-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/573,616
; FILING DATE: 24-AUG-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/537,198
; FILING DATE: 11-JUN-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/422,383
; FILING DATE: 16-OCT-1989
; ATTORNEY/AGENT INFORMATION:
; NAME: Clough, David W.
; REGISTRATION NUMBER: 36,107
; REFERENCE/DOCKET NUMBER: 01017/35199
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 312/474-6300
; TELEFAX: 312/474-0448
; TELEX:
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-09-224-681-13

Query Match 3.7%; Score 10.8; DB 1; Length 16;
Best Local Similarity 85.7%; Pred. No. 3.3e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 718 GAGAGTGACTCTGG 731
DB 16 GACACTGACTCTGG 3

RESULT 597
US-08-336-728A-13/c
; Sequence 13, Application US/08336728A
; Patent No. 6207802
; GENERAL INFORMATION:
; APPLICANT: Zsebo, Krisztina M.

```

; APPLICANT: Bosselman, Robert A.
; APPLICANT: Suggs, Sidney V.
; APPLICANT: Martin, Francis H.
; TITLE OF INVENTION: Stem Cell Factor
; NUMBER OF SEQUENCES: 104
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
; STREET: 6300 Sears Tower, 233 South Wacker Drive
; CITY: Chicago
; STATE: Illinois
; COUNTRY: United States of America
; ZIP: 60606-6402
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/336,728A
; FILING DATE: 09-NOV-1994
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/982,255
; FILING DATE: 25-NOV-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/589,701
; FILING DATE: 01-OCT-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/573,616
; FILING DATE: 24-AUG-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/537,198
; FILING DATE: 11-JUN-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/422,383
; FILING DATE: 16-OCT-1989
; ATTORNEY/AGENT INFORMATION:
; NAME: Clough, David W.
; REGISTRATION NUMBER: 36,107
; REFERENCE/DOCKET NUMBER: 01017/32956
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 312/474-6300
; TELEFAX: 312/474-0448
; TELEX: 25-3856
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-08-336-728A-13

Query Match 3.7%; Score 10.8; DB 1; Length 16;
Best Local Similarity 85.7%; Pred. No. 3.3e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 718 GAGAGTGACTCTGG 731
Db 16 GACACTGACTCTGG 3

RESULT 598
US-09-160-588-3/c
; Sequence 3, Application US/09160588
; Patent No. 6245748
; GENERAL INFORMATION:
; APPLICANT: WELLSSTEIN, ANTON
; APPLICANT: CZUBAYKO, FRANK
; TITLE OF INVENTION: INHIBITION OF AN EGF-BINDING PROTEIN USING RIBOZYMES
; FILE REFERENCE: 23521.0076
; CURRENT APPLICATION NUMBER: US/09/160,588
; CURRENT FILING DATE: 1998-09-25

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; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: Patent In Ver. 2.1
; SEQ ID NO 3
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Ribozyme
; OTHER INFORMATION: target site
US-09-160-588-3

Query Match 3.7%; Score 10.8; DB 1; Length 16;
Best Local Similarity 85.7%; Pred. No. 3.3e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 960 CAAATTCAGCTCTCT 973
Db 14 CCATAGACTCTCT 1

RESULT 599
US-09-270-933-5
; Sequence 5, Application US/09270933
; Patent No. 6365375
; GENERAL INFORMATION:
; APPLICANT: Dietmaier, Wolfgang
; APPLICANT: Ruschoff, Josef
; TITLE OF INVENTION: IMPROVED METHOD OF PRIMER-EXTENSION PREAMPLIFICATION
; FILE REFERENCE: 4802
; CURRENT APPLICATION NUMBER: US/09/270,933
; CURRENT FILING DATE: 1999-03-16
; EARLIER APPLICATION NUMBER: DE 198 13 317.0
; EARLIER FILING DATE: 1998-03-26
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: Patent In Ver. 2.0
; SEQ ID NO 5
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer for
; OTHER INFORMATION: Human Genomic Sequence
US-09-270-933-5

Query Match 3.7%; Score 10.8; DB 1; Length 16;
Best Local Similarity 85.7%; Pred. No. 3.3e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 763 AGGCCTCCACTTCT 776
Db 3 AGGCCTCCCTGCT 16

RESULT 600
US-09-431-419A-57
; Sequence 57, Application US/09431419A
; Patent No. 6458567
; GENERAL INFORMATION:
; APPLICANT: Barber, Jack R.
; APPLICANT: Welch, Peter J.
; APPLICANT: Tritz, Richard
; APPLICANT: Yei, Soonpin
; APPLICANT: Yu, Mang
; TITLE OF INVENTION: HEPATITIS C VIRUS RIBOZYMES
; FILE REFERENCE: 480124.403C3
; CURRENT APPLICATION NUMBER: US/09/431,419A
; CURRENT FILING DATE: 1999-11-01
; NUMBER OF SEQ ID NOS: 73
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 57
; LENGTH: 16
; TYPE: DNA

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```
; ORGANISM: Hepatitis C Virus
US-09-431-419A-57

Query Match          3.7%; Score 10.8; DB 1; Length 16;
Best Local Similarity 78.6%; Pred. No. 3.3e+02;
Matches 11; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 753 CAGGGTCCCTAGGC 765
      |||||:|||||
Db 2 CAGGUCCCCCGGC 15

RESULT 601
US-09-462-720-24/c
; Sequence 24, Application US/09462720
; Patent No. 6617433
; GENERAL INFORMATION:
; APPLICANT: SOCIETE DES PRODUITS NESTLE
; APPLICANT: Marraccini, Pierre
; APPLICANT: Rogers, John
; TITLE OF INVENTION: COFFEE STORAGE PROTEINS
; FILE REFERENCE: 8265-303
; CURRENT APPLICATION NUMBER: US/09/462,720
; CURRENT FILING DATE: 2000-04-12
; PRIOR APPLICATION NUMBER: PCT/BP98/04038
; PRIOR FILING DATE: 1997-07-12
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 24
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Plant
US-09-462-720-24

Query Match          3.7%; Score 10.8; DB 1; Length 16;
Best Local Similarity 85.7%; Pred. No. 3.3e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 718 GAGAGTGACTCTGG 731
      |||||:|||||
Db 14 GAGCGGGACTCTGG 1

RESULT 602
US-09-479-005A-53/c
; Sequence 53, Application US/09479005A
; Patent No. 6656731
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Nucleic Acid Catalysts with Endonuclease Activity
; FILE REFERENCE: MBH00-884-C
; CURRENT APPLICATION NUMBER: US/09/479,005A
; CURRENT FILING DATE: 2000-01-07
; PRIOR APPLICATION NUMBER: US 09/444,209
; PRIOR FILING DATE: 1999-11-19
; PRIOR APPLICATION NUMBER: US 09/159,274
; PRIOR FILING DATE: 1998-09-22
; PRIOR APPLICATION NUMBER: US 60/059,473
; PRIOR FILING DATE: 1997-09-22
; NUMBER OF SEQ ID NOS: 1208
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 53
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-479-005A-53

Query Match          3.7%; Score 10.8; DB 1; Length 16;
Best Local Similarity 85.7%; Pred. No. 3.3e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 921 ATCACCACCCT 934
      |||||:|||||
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Db 16 ATCATCAACACCT 3

RESULT 603
US-09-479-005A-54/c
; Sequence 54, Application US/09479005A
; Patent No. 6656731
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Nucleic Acid Catalysts with Endonuclease Activity
; FILE REFERENCE: MBH00-884-C
; CURRENT APPLICATION NUMBER: US/09/479,005A
; CURRENT FILING DATE: 2000-01-07
; PRIOR APPLICATION NUMBER: US 09/444,209
; PRIOR FILING DATE: 1999-11-19
; PRIOR APPLICATION NUMBER: US 09/159,274
; PRIOR FILING DATE: 1998-09-22
; PRIOR APPLICATION NUMBER: US 60/059,473
; PRIOR FILING DATE: 1997-09-22
; NUMBER OF SEQ ID NOS: 1208
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 54
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-479-005A-54

Query Match          3.7%; Score 10.8; DB 1; Length 16;
Best Local Similarity 85.7%; Pred. No. 3.3e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 920 CATCACCACCCT 933
      |||||:|||||
Db 14 CATCATCAACACCT 1

RESULT 604
US-08-584-040-5487/c
; Sequence 5487, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
```

```

; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 5487:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-584-040-5487

Query Match          3.7%; Score 10.8; DB 1; Length 17;
Best Local Similarity 85.7%; Pred. No. 3.7e-02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 711 GTCCGAGGAGGTG 724
Db 17 GTCCGAGGAGGG 4

RESULT 605
US-09-371-772B-2378/c
; Sequence 2378, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2378
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus sp.
; US-09-371-772B-2378

Query Match          3.7%; Score 10.8; DB 1; Length 17;
Best Local Similarity 85.7%; Pred. No. 3.7e-02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 711 GTCCGAGGAGGTG 724
Db 17 GTCCGAGGAGGG 4

RESULT 606
US-08-825-487A-104/c
; Sequence 104, Application US/08825487A
; Patent No. 6048689
; GENERAL INFORMATION:
; APPLICANT: Murphy, Patricia D.
; APPLICANT: White, Marga B.
; TITLE OF INVENTION: METHODS FOR IDENTIFYING VARIATIONS IN POLYNUCLEOTIDE SEQUENCE
; NUMBER OF SEQUENCES: 110
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Howrey & Simon
; STREET: 1299 Pennsylvania Avenue., N.W.
; CITY: Washington,

```

```

; STATE: DC
; COUNTRY: USA
; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/825,487A
; FILING DATE: 28-MAR-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US98/060002
; FILING DATE: 26-Mar-1998
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Albert P. Halluin
; REGISTRATION NUMBER: 25,227
; REFERENCE/DOCKET NUMBER: 05371.0012.999
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-463-8100
; TELEFAX: 650-463-8400
; INFORMATION FOR SEQ ID NO: 104:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Other
; FEATURE:
; NAME/KEY: Other
; LOCATION: 1...17
; OTHER INFORMATION: BRCA1 ASO 5382insC-No. 6048689mal
; US-08-825-487A-104

Query Match          3.7%; Score 10.6; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 4e-02;
Matches 13; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 875 CTTTCTGTGAGTCACT 891
Db 17 CTGTCTGGGATTCCT 1

RESULT 607
US-08-584-040-5486/c
; Sequence 5486, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0

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; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 5486:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-584-040-5486

Query Match 3.7%; Score 10.6; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 4e+02;
Matches 13; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 712 TCCACGAGAGTGACTC 728
DB 17 TCCACGAGAAAGGGTTTC 1

RESULT 608
US-09-371-772B-2377/c
; Sequence 2377, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2377
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus sp.
; US-09-371-772B-2377

Query Match 3.7%; Score 10.6; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 4e+02;
Matches 13; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 712 TCCACGAGAGTGACTC 728
DB 17 TCCACGAGAAAGGGTTTC 1

RESULT 609
US-08-388-381-17/c
; Sequence 17, Application US/08388381
; Patent No. 5552283
```

```

; GENERAL INFORMATION:
; APPLICANT: Diamandis, Eleftherios
; APPLICANT: Dunn, James M.
; APPLICANT: Stevens, John K.
; TITLE OF INVENTION: Method, Reagents and Kit for Diagnosis
; TITLE OF INVENTION: and Targeted Screening for p53 Mutations
; NUMBER OF SEQUENCES: 41
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Oppedahl & Larson
; STREET: 1992 Commerce Street, Suite 309
; CITY: Yorktown Heights
; STATE: NY
; COUNTRY: USA
; ZIP: 10598-4412
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 inch, 1.44 Mb
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS 5.0
; SOFTWARE: Word Perfect
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/388,381
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/271,946
; FILING DATE: 08-JUL-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Marina T. Larson
; REGISTRATION NUMBER: 32,038
; REFERENCE/DOCKET NUMBER: VGEN.P-003-US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (914) 245-3252
; TELEFAX: (914) 962-4330
; TELEX:
; INFORMATION FOR SEQ ID NO: 17:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: genomic DNA
; HYPOTHETICAL: no
; ANTI-SENSE: yes
; FRAGMENT TYPE: internal
; ORIGINAL SOURCE:
; ORGANISM: human
; FEATURE:
; NAME/KEY: primer for exon 2 of human p53 gene
; US-08-388-381-17

Query Match 3.7%; Score 10.6; DB 1; Length 20;
Best Local Similarity 76.5%; Pred. No. 5.2e+02;
Matches 13; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 805 CTCCTCCAACTCAGGGT 821
DB 17 CGTTTCCACCTGGGT 1

RESULT 610
US-08-765-626-17/c
; Sequence 17, Application US/08765626
; Patent No. 6071726
; GENERAL INFORMATION:
; APPLICANT: Visible Genetics Inc.
; APPLICANT: Diamandis, Eleftherios
; APPLICANT: Dunn, James M.
; APPLICANT: Stevens, John K.
; TITLE OF INVENTION: Method, Reagents and Kit for Diagnosis
; TITLE OF INVENTION: and Targeted Screening for p53 Mutations
; NUMBER OF SEQUENCES: 41
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Oppedahl & Larson
```

```

; STREET: 1992 Commerce Street, Suite 309
; CITY: Yorktown Heights
; STATE: NY
; COUNTRY: USA
; ZIP: 10598-4412
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 inch, 1.44 Mb
; OPERATING SYSTEM: DOS 5.0
; SOFTWARE: Word Perfect
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/765,626
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/08605
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/388,381
; FILING DATE: 14-FEB-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Marina T. Larson
; REGISTRATION NUMBER: 32,038
; REFERENCE/DOCKET NUMBER: VGEN.P-003-US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (914) 245-3252
; TELEFAX: (914) 962-4330
; TELEX:
; INFORMATION FOR SEQ ID NO: 17:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: genomic DNA
; HYPOTHETICAL: no
; ANTI-SENSE: yes
; FRAGMENT TYPE: internal
; ORIGINAL SOURCE:
; ORGANISM: human
; FEATURE:
; NAME/KEY: primer for exon 2 of human p53 gene
;
US-08-765-626-17

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Query Match 3.7%; Score 10.6; DB 1; Length 20;
Best Local Similarity 76.5%; Pred. No. 5.2e+02;
Matches 13; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

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QY 805 CTCCTCCAACTCAGGT 821
Db 17 CGCTTCCAACTCGGT 1

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RESULT 611
PCT-US95-08605-17/c
; Sequence 17, Application PC/TUS9508605
; GENERAL INFORMATION:
; APPLICANT: Visible Genetics Inc.
; APPLICANT: Diamandis, Eleftherios
; APPLICANT: Dunn, James M.
; APPLICANT: Stevens, John K.
; TITLE OF INVENTION: Method, Reagents and Kit for Diagnosis
; NUMBER OF SEQUENCES: 41
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Oppedahl & Larson
; STREET: 1992 Commerce Street, Suite 309
; CITY: Yorktown Heights
; STATE: NY
; COUNTRY: USA
; ZIP: 10598-4412
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 inch, 1.44 Mb

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; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS 5.0
; SOFTWARE: Word Perfect
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/08605
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/271,946
; FILING DATE: 08-JUL-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/388,381
; FILING DATE: 14-FEB-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Marina T. Larson
; REGISTRATION NUMBER: 32,038
; REFERENCE/DOCKET NUMBER: VGEN.P-003-US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (914) 245-3252
; TELEFAX: (914) 962-4330
; TELEX:
; INFORMATION FOR SEQ ID NO: 17:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: genomic DNA
; HYPOTHETICAL: no
; ANTI-SENSE: yes
; FRAGMENT TYPE: internal
; ORIGINAL SOURCE:
; ORGANISM: human
; FEATURE:
; NAME/KEY: primer for exon 2 of human p53 gene
;
PCT-US95-08605-17

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```

Query Match 3.7%; Score 10.6; DB 1; Length 20;
Best Local Similarity 76.5%; Pred. No. 5.2e+02;
Matches 13; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

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QY 805 CTCCTCCAACTCAGGT 821
Db 17 CGCTTCCAACTCGGT 1

```

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RESULT 612
US-08-050-319B-46/c
; Sequence 46, Application US/08050319B
; Patent No. 5631145
; GENERAL INFORMATION:
; APPLICANT: M.Feldmann, P.W. Gray,
; APPLICANT: M.J.C. Turner, F.M Brennan
; TITLE OF INVENTION: Modified human TNFalpha (Tumor
; NUMBER OF SEQUENCES: 57
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Reed & Robbins
; STREET: 635 Bryant Street
; CITY: Palo Alto
; STATE: California
; COUNTRY: USA
; ZIP: 94301
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/050,319B
; FILING DATE: 10-May-1993
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:

```

```

; NAME: Robbins, Roberta L.
; REGISTRATION NUMBER: 33,208
; REFERENCE/DOCKET NUMBER: 5150-0030
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 617-8999
; TELEFAX: (415) 327-3231
; INFORMATION FOR SEQ ID NO: 46:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 12 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-050-319B-46

Query Match 3.6%; Score 10.4; DB 1; Length 12;
Best Local Similarity 91.7%; Pred. No. 2.3e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 972 CTAATCTGGTG 993
DB 12 CTAATCTGGGG 1

RESULT 613
US-08-173-489C-230
; Sequence 230, Application US/08173489C
; Patent No 5861244
; GENERAL INFORMATION:
; APPLICANT: WANG, C. -G.
; APPLICANT: HEPBURN, A. G.
; TITLE OF INVENTION: GENETIC SEQUENCE ASSAY USING DNA
; TITLE OF INVENTION: TRIPLE-STRAND FORMATION.
; NUMBER OF SEQUENCES: 365
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: PROFILE DIAGNOSTIC SCIENCES, INC.,
; STREET: 510 EAST 73RD STREET,
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10021
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch, 1.44Mb storage
; COMPUTER: IBM PC/XT/AT
; OPERATING SYSTEM: MS-DOS version 6.2
; SOFTWARE: Wordperfect Version 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/173,489C
; FILING DATE: 22 DEC 1993
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/968,436
; FILING DATE: 29 OCT 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Handelman, Joseph H.
; REGISTRATION NUMBER: 26,179
; REFERENCE/DOCKET NUMBER: U9518-6
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (attorney) (212) 708-1880
; TELEFAX: (attorney) (212) 246-8959
; INFORMATION FOR SEQ ID NO: 230:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 12 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: third strand derived from H. morrhuae
; DESCRIPTION: 23s region in Seq ID No. 5861244229
; HYPOTHETICAL: yes
; ANTI-SENSE: no
; PUBLICATION INFORMATION:
; RELEVANT RESIDUES IN SEQ ID NO: 230 :FROM 1 TO 12

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```

US-08-173-489C-230

Query Match 3.6%; Score 10.4; DB 1; Length 12;
Best Local Similarity 91.7%; Pred. No. 2.3e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 825 CTGTGTCCTTT 836
DB 1 CTGTGTCCTTT 12

RESULT 614
US-08-465-982-46/c
; Sequence 46, Application US/08465982
; Patent No 5863786
; GENERAL INFORMATION:
; APPLICANT: M.Feldmann, P.W. Gray,
; APPLICANT: M.J.C. Turner, F.M Brennan
; TITLE OF INVENTION: Modified human TNFalpha (Tumor
; TITLE OF INVENTION: Necrosis Factor alpha) Receptor
; NUMBER OF SEQUENCES: 57
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Reed & Robbins
; STREET: 635 Bryant Street
; CITY: Palo Alto
; STATE: California
; COUNTRY: USA
; ZIP: 94301
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/465,982
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/050,319
; FILING DATE: 10-May-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Robbins, Roberta L.
; REGISTRATION NUMBER: 33,208
; REFERENCE/DOCKET NUMBER: 5150-0030
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 617-8999
; TELEFAX: (415) 327-3231
; INFORMATION FOR SEQ ID NO: 46:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 12 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-465-982-46

Query Match 3.6%; Score 10.4; DB 1; Length 12;
Best Local Similarity 91.7%; Pred. No. 2.3e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 972 CTAATCTGGTG 983
DB 12 CTAATCTGGGG 1

RESULT 615
US-08-757-024-529/c
; Sequence 529, Application US/08757024
; Patent No. 6025339
; GENERAL INFORMATION:
; APPLICANT: Nyce, Jonathan W.
; TITLE OF INVENTION: METHOD OF TREATMENT FOR ASTHMA
; NUMBER OF SEQUENCES: 952

```

; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: BELL, SELTZER, PARK & GIBSON
 ; STREET: P.O. Drawer 34009
 ; CITY: Charlotte
 ; STATE: No. 6025339th Carolina
 ; COUNTRY: USA
 ; ZIP: 28234
 ;
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: Patent in Release #1.0, Version #1.30
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/757,024
 ; FILING DATE: 26-NOV-1996
 ; CLASSIFICATION: 514
 ;
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Sibley, Kenneth D.
 ; REGISTRATION NUMBER: 31,665
 ; REFERENCE/DOCKET NUMBER: 5218-41
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 919-881-3140
 ; TELEFAX: 919-881-3175
 ; TELEX: 575102
 ;
 ; INFORMATION FOR SEQ ID NO: 529:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 12 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: DNA (genomic)
 ; US-08-757-024-529

Query Match 3.6%; Score 10.4; DB 1; Length 12;
 Best Local Similarity 91.7%; Pred. No. 2.3e+02;
 Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 807 CCTCAACTCAG 818
 Db 12 CCTCATCTCAG 1
 ;
 ; RESULT 616
 ; US-09-150-805-19/c
 ; Sequence 19, Application US/09150805
 ; Patent No. 6140080
 ; GENERAL INFORMATION:
 ; APPLICANT: Bruce, Wesley
 ; TITLE OF INVENTION: PROMOTER ELEMENTS CONFERRING
 ; TITLE OF INVENTION: ROOT-PREFERRED GENE EXPRESSION
 ; NUMBER OF SEQUENCES: 19
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: PIONEER HI-BRED INTERNATIONAL, INC.
 ; STREET: Darwin Building, 7100 N.W. 62nd Ave., P.O.
 ; CITY: Johnston
 ; STATE: Iowa
 ; COUNTRY: USA
 ; ZIP: 50131
 ;
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: Patent in Release #1.0, Version #1.30
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/150,805
 ; FILING DATE: 22-DEC-1997
 ; CLASSIFICATION:
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/996,069
 ; FILING DATE: 17-MAY-1996

; FILING DATE: 17-MAY-1996
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Yates, Michael E.
 ; REGISTRATION NUMBER: 36,063
 ; REFERENCE/DOCKET NUMBER: 0465R
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (515) 248-4800
 ; TELEFAX: (515) 248-4844
 ; INFORMATION FOR SEQ ID NO: 19:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 12 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: DNA (genomic)
 ; US-09-150-805-19
 ;
 ; Query Match 3.6%; Score 10.4; DB 1; Length 12;
 ; Best Local Similarity 91.7%; Pred. No. 2.3e+02;
 ; Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
 ;
 ; Qy 769 CCACCTCTGAGG 780
 ; Db 12 CAACCTCTGAGG 1
 ;
 ; RESULT 617
 ; US-08-996-069A-19/c
 ; Sequence 19, Application US/08996069A
 ; Patent No. 6226645
 ; GENERAL INFORMATION:
 ; APPLICANT: Bruce, Wesley
 ; TITLE OF INVENTION: PROMOTER ELEMENTS CONFERRING
 ; TITLE OF INVENTION: ROOT-PREFERRED GENE EXPRESSION
 ; NUMBER OF SEQUENCES: 19
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: PIONEER HI-BRED INTERNATIONAL, INC.
 ; STREET: Darwin Building, 7100 N.W. 62nd Ave., P.O.
 ; CITY: Johnston
 ; STATE: Iowa
 ; COUNTRY: USA
 ; ZIP: 50131
 ;
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: Patent in Release #1.0, Version #1.30
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/996,069A
 ; FILING DATE: 22-DEC-1997
 ; CLASSIFICATION: 435
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: US 08/649,172
 ; FILING DATE: 17-MAY-1996
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Yates, Michael E.
 ; REGISTRATION NUMBER: 36,063
 ; REFERENCE/DOCKET NUMBER: 0465R
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (515) 248-4800
 ; TELEFAX: (515) 248-4844
 ; INFORMATION FOR SEQ ID NO: 19:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 12 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: DNA (genomic)
 ; US-08-996-069A-19
 ;
 ; Query Match 3.6%; Score 10.4; DB 1; Length 12;

Best Local Similarity 91.7%; Pred. No. 2.3e+02; Mismatches 1; Indels 0; Gaps 0;

Qy 769 CCACTTCTGAGG 780
 Db 12 CAACCTCTGAGG 1

RESULT 618
 PCT-US91-03680-81
 ; Sequence 81, Application PC/TUS9103680
 ; GENERAL INFORMATION:
 ; APPLICANT: Kravczyk, Steven
 ; APPLICANT: Matteucci, Mark D.
 ; TITLE OF INVENTION: SEQUENCE-SPECIFIC NONPHOTOACTIVATED
 ; TITLE OF INVENTION: CROSSLINKING AGENTS WHICH BIND TO THE MAJOR GROOVE OF
 ; TITLE OF INVENTION: DUPLEX DNA
 ; NUMBER OF SEQUENCES: 158
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Morrison & Foerster
 ; STREET: 545 Middlefield Road, Suite 200
 ; CITY: Menlo Park
 ; STATE: California
 ; COUNTRY: USA
 ; ZIP: 94025
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: Patent In Release #1.0, Version #1.25
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: PCT/US91/03680
 ; FILING DATE: 19910524
 ; CLASSIFICATION: 435
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Muraehige, Kate H.
 ; REGISTRATION NUMBER: 29,959
 ; REFERENCE/DOCKET NUMBER: 4610-0011.40
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 415-327-7250
 ; TELEFAX: 415-327-2951
 ; TELEX: 706141
 ; INFORMATION FOR SEQ ID NO: 81:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 12 base pairs
 ; TYPE: NUCLEIC ACID
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; FEATURE:
 ; NAME/KEY: modified_base
 ; LOCATION: 1
 ; OTHER INFORMATION: /mod_base= OTHER
 ; OTHER INFORMATION:
 ; FEATURE:
 ; NAME/KEY: modified_base
 ; LOCATION: 3
 ; OTHER INFORMATION: /mod_base= OTHER
 ; OTHER INFORMATION:
 ; FEATURE:
 ; NAME/KEY: modified_base
 ; LOCATION: 8
 ; OTHER INFORMATION: /mod_base= OTHER
 ; OTHER INFORMATION:
 ; FEATURE:
 ; NAME/KEY: modified_base
 ; LOCATION: 11
 ; OTHER INFORMATION: /mod_base= OTHER
 ; OTHER INFORMATION:
 ; PCT-US91-03680-81

Query Match 3.6%; Score 10.4; DB 1; Length 12;
 Best Local Similarity 66.7%; Pred. No. 2.3e+02;
 Matches 8; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

Qy 831 CTCCTTTCTCT 842
 Db 1 MTMTTMTTMT 12

RESULT 619
 US-08-173-489C-333/c
 ; Sequence 333, Application US/08173489C
 ; Patent No. 5861244
 ; GENERAL INFORMATION:
 ; APPLICANT: WANG, C. -G.
 ; APPLICANT: HEPBURN, A. G.
 ; TITLE OF INVENTION: GENETIC SEQUENCE ASSAY USING DNA
 ; TITLE OF INVENTION: TRIPLE-STRAND FORMATION.
 ; NUMBER OF SEQUENCES: 365
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: PROFILE DIAGNOSTIC SCIENCES, INC.,
 ; STREET: 510 EAST 73RD STREET,
 ; CITY: NEW YORK
 ; STATE: NEW YORK
 ; COUNTRY: USA
 ; ZIP: 10021.
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: 3.5 inch, 1.44Mb storage
 ; COMPUTER: IBM PC/XT/AT
 ; OPERATING SYSTEM: MS-DOS version 6.2
 ; SOFTWARE: Wordperfect Version 5.1
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/173,489C
 ; FILING DATE: 22 DEC 1993
 ; CLASSIFICATION: 435
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: US 07/968,436
 ; FILING DATE: 29 OCT 1992
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Handelman, Joseph H.
 ; REGISTRATION NUMBER: 26,179
 ; REFERENCE/DOCKET NUMBER: U9518-6
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (attorney) (212) 708-1880
 ; TELEFAX: (attorney) (212) 246-8959
 ; INFORMATION FOR SEQ ID NO: 333:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 13 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: double stranded
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: genomic DNA
 ; DESCRIPTION: 16s rRNA gene from Neisseria
 ; DESCRIPTION: gonorrhoeae (Accession # X07714) nucleotides
 ; DESCRIPTION: 445 to 457
 ; HYPOTHETICAL: no
 ; ANTI-SENSE: no
 ; ORIGINAL SOURCE:
 ; ORGANISM: Neisseria gonorrhoeae
 ; STRAIN: NCTC 83785
 ; PUBLICATION INFORMATION:
 ; AUTHORS: Rossau, R., Heyndrickx, L., van
 ; AUTHORS: Heuvelswyn, H.
 ; TITLE: Nucleotide sequence of a 16s
 ; TITLE: ribosomal RNA gene from Neisseria gonorrhoeae
 ; JOURNAL: Nucleic Acids Research
 ; VOLUME: 16
 ; PAGES: 6227-6227
 ; DATE: 1988
 ; RELEVANT RESIDUES IN SEQ ID NO: 333 :FROM 1 TO 13
 ; US-08-173-489C-333

Query Match 3.6%; Score 10.4; DB 1; Length 13;
 Best Local Similarity 91.7%; Pred. No. 2.7e+02;
 Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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QY      833 CTTTCTCTCT 844
Db      12 CTTTCTCCT 1

RESULT 620
US-08-487-867-25
; Sequence 25, Application US/08487867
; Patent No. 5910408
; GENERAL INFORMATION:
; APPLICANT: Szostak, Jack W.
; APPLICANT: Cuenoud, Bernard
; APPLICANT: Huizenga, David E.
; TITLE OF INVENTION: CATALYTIC DNA
; NUMBER OF SEQUENCES: 39
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson P.C.
; STREET: 225 Franklin Street,
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02110-2804
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/487,867
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Lech, Karen F.
; REGISTRATION NUMBER: 35,238
; REFERENCE/DOCKET NUMBER: 00786/273001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 542-8906
; TELEFAX: (617) 542-8906
; TELEX: 200154
; INFORMATION FOR SEQ ID NO: 25:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 13 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-08-487-867-25

Query Match 3.6%; Score 10.4; DB 1; Length 13;
Best Local Similarity 91.7%; Pred. No. 2.7e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      869 GGAACACTTTC 880
Db      1 GGAACACTATCC 12

RESULT 621
US-08-757-024-500/c
; Sequence 500, Application US/08757024
; Patent No. 6025339
; GENERAL INFORMATION:
; APPLICANT: Nyce, Jonathan W.
; TITLE OF INVENTION: METHOD OF TREATMENT FOR ASTHMA
; NUMBER OF SEQUENCES: 952
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BELL, SELTZER, PARK & GIBSON
; STREET: P.O. Drawer 34009
; CITY: Charlotte
; STATE: No. 6025339th Carolina
; COUNTRY: USA
; ZIP: 28234
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/757,024
; FILING DATE: 26-NOV-1996
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Sibley, Kenneth D.
; REGISTRATION NUMBER: 31,665
; REFERENCE/DOCKET NUMBER: 5218-41
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 919-881-3140
; TELEFAX: 919-881-3175
; TELEX: 575102
; INFORMATION FOR SEQ ID NO: 528:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 13 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; COMPUTER READABLE FORM:

```


US-08-757-024-528

Query Match 3.6%; Score 10.4; DB 1; Length 13;
Best Local Similarity 91.7%; Pred. No. 2.7e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 807 CCTCCAACTCAG 818

Db 12 CCTCCAACTCAG 1

RESULT 623

US-09-216-584-13/c
; Sequence 13, Application US/09216584
; Patent No. 6548657
; GENERAL INFORMATION:
; APPLICANT: Alex, Burgin
; APPLICANT: Leonid, Beigelman
; APPLICANT: Laurent, Bellon
; TITLE OF INVENTION: Method for Screening Nucleic Acid Catalysts
; FILE REFERENCE: MHB00-853-A; RPI 237/167
; CURRENT APPLICATION NUMBER: US/09/216,584
; CURRENT FILING DATE: 1998-12-18
; PRIOR APPLICATION NUMBER: 09/094,381
; PRIOR FILING DATE: 1998-06-09
; PRIOR APPLICATION NUMBER: 60/068,212
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/049,002
; PRIOR FILING DATE: 1997-06-09
; NUMBER OF SEQ ID NOS: 52
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 13
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: Accessible site within Bcl-2 transcript
US-09-216-584-13

Query Match 3.6%; Score 10.4; DB 1; Length 13;
Best Local Similarity 91.7%; Pred. No. 2.7e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 855 TCCTGGCTCCAG 866

Db 12 TCCTGGATCCAG 1

RESULT 624

PCT-US96-09358-25
; Sequence 25, Application PC/TUS9609358
; GENERAL INFORMATION:
; APPLICANT: The General Hospital Corporation
; TITLE OF INVENTION: CATALYTIC DNA
; NUMBER OF SEQUENCES: 39
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson P.C.
; STREET: 225 Franklin Street,
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02110-2804
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION NUMBER: PCT/US96/09358
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/487,867
FILING DATE: 07-JUN-1995
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Lech, Karen F.
REGISTRATION NUMBER: 35,238
REFERENCE/DOCKET NUMBER: 00786/273001
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 542-5070
TELEFAX: (617) 542-8906
TELEX: 200154
INFORMATION FOR SEQ ID NO: 25:
SEQUENCE CHARACTERISTICS:
LENGTH: 13 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
PCT-US96-09358-25

Query Match 3.6%; Score 10.4; DB 1; Length 13;
Best Local Similarity 91.7%; Pred. No. 2.7e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 869 GGAACACTTCC 880

Db 1 GGAACACTATCC 12

RESULT 625

US-08-757-024-470/c
; Sequence 470, Application US/08757024
; Patent No. 6025339
; GENERAL INFORMATION:
; APPLICANT: NYCE, Jonathan W.
; TITLE OF INVENTION: METHOD OF TREATMENT FOR ASTHMA
; NUMBER OF SEQUENCES: 952
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BELL, SELTZER, PARK & GIBSON
; STREET: P.O. Drawer 34009
; CITY: Charlotte
; STATE: No. 6025339th Carolina
; COUNTRY: USA
; ZIP: 28234
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/757,024
; FILING DATE: 26-NOV-1996
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Sibley, Kenneth D.
; REGISTRATION NUMBER: 31,665
; REFERENCE/DOCKET NUMBER: 5218-41
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 919-881-3140
; TELEFAX: 919-881-3175
; TELEX: 575102
; INFORMATION FOR SEQ ID NO: 470:
SEQUENCE CHARACTERISTICS:
LENGTH: 14 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-757-024-470

Query Match 3.6%; Score 10.4; DB 1; Length 14;
Best Local Similarity 91.7%; Pred. No. 3.2e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 807 CCTCAACTCAG 818
Db 14 CCTCACTCAG 3

RESULT 626
US-08-757-024-499/c
; Sequence 499, Application US/08757024
; Patent No. 6025339
; GENERAL INFORMATION:
; APPLICANT: Nvce, Jonathan W.
; TITLE OF INVENTION: METHOD OF TREATMENT FOR ASTHMA
; NUMBER OF SEQUENCES: 952
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BELL, SELTZER, PARK & GIBSON
; STREET: P.O. Drawer 34009
; CITY: Charlotte
; STATE: No. 6025339th Carolina
; COUNTRY: USA
; ZIP: 28234
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; FILING DATE: 26-NOV-1996
; APPLICATION NUMBER: US/08/757,024
; FILING DATE: 26-NOV-1996
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Sibley, Kenneth D.
; REGISTRATION NUMBER: 31,665
; REFERENCE/DOCKET NUMBER: 5218-41
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 919-881-3140
; TELEFAX: 919-881-3175
; TELEX: 575102
; INFORMATION FOR SEQ ID NO: 499:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-757-024-499

Query Match 3.6%; Score 10.4; DB 1; Length 14;
Best Local Similarity 91.7%; Pred. No. 3.2e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 807 CCTCAACTCAG 818
Db 13 CCTCACTCAG 2

RESULT 627
US-08-757-024-527/c
; Sequence 527, Application US/08757024
; Patent No. 6025339
; GENERAL INFORMATION:
; APPLICANT: Nvce, Jonathan W.
; TITLE OF INVENTION: METHOD OF TREATMENT FOR ASTHMA
; NUMBER OF SEQUENCES: 952
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BELL, SELTZER, PARK & GIBSON
; STREET: P.O. Drawer 34009
; CITY: Charlotte
; STATE: No. 6025339th Carolina
; COUNTRY: USA
; ZIP: 28234
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/757,024
FILING DATE: 26-NOV-1996
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Sibley, Kenneth D.
REGISTRATION NUMBER: 31,665
REFERENCE/DOCKET NUMBER: 5218-41
TELECOMMUNICATION INFORMATION:
TELEPHONE: 919-881-3140
TELEFAX: 919-881-3175
TELEX: 575102
INFORMATION FOR SEQ ID NO: 527:
SEQUENCE CHARACTERISTICS:
LENGTH: 14 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-757-024-527

QY 807 CCTCAACTCAG 818
Db 12 CCTCACTCAG 1

RESULT 628
US-08-192-946-21
; Sequence 21, Application US/08192946
; Patent No. 6258585
; GENERAL INFORMATION:
; APPLICANT: KENNETH G. DRAPER
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; TITLE OF INVENTION: INHIBITING INFLUENZA VIRUS
; TITLE OF INVENTION: REPLICATION
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 611 West Sixth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: USA
; ZIP: 90017
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb storage
; COMPUTER: IBM compatible
; OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)
; SOFTWARE: WordPerfect (Version 5.1)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/192,946
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/07/882,713
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 197/294
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 21:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14

TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-192-946-21

Query Match 3.6%; Score 10.4; DB 1; Length 14;
Best Local Similarity 66.7%; Pred. No. 3.2e+02;
Matches 8; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 856 CTTGCTCCAGT 867
DB 2 CCUAGCUCAGU 13

RESULT 629
US-09-647-344A-34/C
Sequence 34, Application US/09647344A
Patent No. 6586180
GENERAL INFORMATION:
APPLICANT: Ruffner, Duane E.
APPLICANT: Pierce, Michael L.
TITLE OF INVENTION: Directed Antisense Libraries
FILE REFERENCE: T6678.PCT US
CURRENT APPLICATION NUMBER: US/09/647,344A
CURRENT FILING DATE: 2000-12-04
PRIOR APPLICATION NUMBER: PCT/US99/06742
PRIOR FILING DATE: 1999-03-28
NUMBER OF SEQ ID NOS: 50
SEQ ID NO 34
LENGTH: 14
TYPE: DNA
ORGANISM: herpes simplex virus
US-09-647-344A-34

Query Match 3.6%; Score 10.4; DB 1; Length 14;
Best Local Similarity 91.7%; Pred. No. 3.2e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 704 CCAGCGAGTCCC 715
DB 13 CCAGCGAATCCC 2

RESULT 630
US-08-311-760A-46/C
Sequence 46, Application US/08311760A
Patent No. 5599706
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: McSwiggen, James
APPLICANT: Newton, Roger S.
APPLICANT: Ramharack, Randy
TITLE OF INVENTION: RIBOZYME TREATMENT OF DISEASES
TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS OF
TITLE OF INVENTION: PLASMA LIPOPROTEIN (a) [LP(a)] BY
TITLE OF INVENTION: INHIBITING APOLIPOPROTEIN
TITLE OF INVENTION:
NUMBER OF SEQUENCES: 392
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSEQ Version 1.5

TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-192-946-21

Query Match 3.6%; Score 10.4; DB 1; Length 14;
Best Local Similarity 66.7%; Pred. No. 3.2e+02;
Matches 8; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 856 CTTGCTCCAGT 867
DB 2 CCUAGCUCAGU 13

RESULT 629
US-09-647-344A-34/C
Sequence 34, Application US/09647344A
Patent No. 6586180
GENERAL INFORMATION:
APPLICANT: Ruffner, Duane E.
APPLICANT: Pierce, Michael L.
TITLE OF INVENTION: Directed Antisense Libraries
FILE REFERENCE: T6678.PCT US
CURRENT APPLICATION NUMBER: US/09/647,344A
CURRENT FILING DATE: 2000-12-04
PRIOR APPLICATION NUMBER: PCT/US99/06742
PRIOR FILING DATE: 1999-03-28
NUMBER OF SEQ ID NOS: 50
SEQ ID NO 34
LENGTH: 14
TYPE: DNA
ORGANISM: herpes simplex virus
US-09-647-344A-34

Query Match 3.6%; Score 10.4; DB 1; Length 14;
Best Local Similarity 91.7%; Pred. No. 3.2e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 704 CCAGCGAGTCCC 715
DB 13 CCAGCGAATCCC 2

RESULT 630
US-08-311-760A-46/C
Sequence 46, Application US/08311760A
Patent No. 5599706
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: McSwiggen, James
APPLICANT: Newton, Roger S.
APPLICANT: Ramharack, Randy
TITLE OF INVENTION: RIBOZYME TREATMENT OF DISEASES
TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS OF
TITLE OF INVENTION: PLASMA LIPOPROTEIN (a) [LP(a)] BY
TITLE OF INVENTION: INHIBITING APOLIPOPROTEIN
TITLE OF INVENTION:
NUMBER OF SEQUENCES: 392
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSEQ Version 1.5

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/311,760A
FILING DATE: September 23, 1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/155
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 46:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-311-760A-46

Query Match 3.6%; Score 10.4; DB 1; Length 15;
Best Local Similarity 91.7%; Pred. No. 3.6e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 787 CCTCTGTGTCGA 798
DB 13 CCTCTGTGTCGA 2

RESULT 631
US-08-319-492B-7
Sequence 7, Application US/08319492B
Patent No. 5616488
GENERAL INFORMATION:
APPLICANT: Sullivan, Sean M.
APPLICANT: Draper, Kenneth G.
APPLICANT: McSwiggen, James
APPLICANT: Stinchcomb, Dan T.
TITLE OF INVENTION: RIBOZYME TREATMENT OF DISEASES
TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS
TITLE OF INVENTION: OF IL-5
NUMBER OF SEQUENCES: 751
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/319,492B
FILING DATE: October 7, 1994
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/276
TELECOMMUNICATION INFORMATION:

Query Match 3.6%; Score 10.4; DB 1; Length 15;
Best Local Similarity 91.7%; Pred. No. 3.6e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 939 AGAATTTTACGC 950
Db 15 AGAATTTTATGC 4

RESULT 633

US-08-319-492B-469
Sequence 469, Application US/08319492B
Patent No. 5616488

GENERAL INFORMATION:
APPLICANT: Sullivan, Sean M.

APPLICANT: Draper, Kenneth G.
APPLICANT: McSwiggen, James

APPLICANT: Stinchcomb, Dan T.
TITLE OF INVENTION: RIBOZYME TREATMENT OF DISEASES

TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS
TITLE OF INVENTION: OF IL-5

NUMBER OF SEQUENCES: 751
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon

STREET: 633 West Fifth Street
CITY: Los Angeles

STATE: California
COUNTRY: U.S.A.

ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0

SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/319,492B

FILING DATE: October 7, 1994
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA: including application

PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993

APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/276

TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 469:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs

TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

US-08-319-492B-469

Query Match

Best Local Similarity 50.0%; Pred. No. 3.6e+02;
Matches 6; Conservative 5; Mismatches 1; Indels 0; Gaps 0;

QY 890 CTTACTTCTCAG 901
Db 1 CUUACUUCUCCG 12

RESULT 634

US-08-319-492B-110

Sequence 110, Application US/08319492B
Patent No. 5616488

GENERAL INFORMATION:
APPLICANT: Sullivan, Sean M.

APPLICANT: Draper, Kenneth G.
APPLICANT: McSwiggen, James

APPLICANT: Stinchcomb, Dan T.
TITLE OF INVENTION: RIBOZYME TREATMENT OF DISEASES

TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS
TITLE OF INVENTION: OF IL-5

NUMBER OF SEQUENCES: 751
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon

STREET: 633 West Fifth Street
CITY: Los Angeles

STATE: California
COUNTRY: U.S.A.

ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0

SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/319,492B

FILING DATE: October 7, 1994
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA: including application

PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993

APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/276

TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 110:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs

TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

US-08-319-492B-110

Sequence 179, Application US/08291932A
Patent No. 5658780
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth G.
APPLICANT: McSwiggen, James
TITLE OF INVENTION: RIBOZYME TREATMENT OF
DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: NF-KB
NUMBER OF SEQUENCES: 830
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/291,932A
FILING DATE: August 15, 1994
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION/DOCKET NUMBER: 208/157
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 266:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-291-932A-266

Query Match 3.6%; Score 10.4; DB 1; Length 15;
Best Local Similarity 75.0%; Pred. No. 3.6e+02;
Matches 9; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Qy 764 GGCCTCCACTC 775
| | | | | : |
Db 3 GGCCTCCACTC 14

RESULT 636
US-08-334-847-554/c
Sequence 554, Application US/08334847
Patent No. 5693532
GENERAL INFORMATION:
APPLICANT: McSwiggen, James
APPLICANT: Draper, Kenneth
APPLICANT: Pavco, Pam
APPLICANT: Woolf, Tod
TITLE OF INVENTION: METHOD AND REAGENT FOR
INHIBITING RESPIRATORY
TITLE OF INVENTION: SYNCTVIAL VIRUS
NUMBER OF SEQUENCES: 909
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:

Sequence 179, Application US/08291932A
Patent No. 5658780
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth G.
APPLICANT: McSwiggen, James
TITLE OF INVENTION: RIBOZYME TREATMENT OF
DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: NF-KB
NUMBER OF SEQUENCES: 830
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/291,932A
FILING DATE: August 15, 1994
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION/DOCKET NUMBER: 208/157
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 179:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-291-932A-179

Query Match 3.6%; Score 10.4; DB 1; Length 15;
Best Local Similarity 66.7%; Pred. NO. 3.6e+02;
Matches 8; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

Qy 811 CAACCTCAGGTT 822
| | | | | : |
Db 3 CAACUCAGAGUU 14

RESULT 635
US-08-291-932A-266
Sequence 266, Application US/08291932A
Patent No. 5658780
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth G.
APPLICANT: McSwiggen, James
TITLE OF INVENTION: RIBOZYME TREATMENT OF
DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: NF-KB

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/334,847
FILING DATE: No. 5693532ember 4, 1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/032
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 554:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-334-847-554

Query Match 3.6%; Score 10.4; DB 1; Length 15;
Best Local Similarity 91.7%; Pred. No. 3.6e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 820 GTTGGCTGTGTC 831
Db 14 GTTGGCTGTGTC 3

RESULT 637
US-08-449-045C-27/c
Sequence 27, Application US/08449045C
Patent No. 5770203
GENERAL INFORMATION:
APPLICANT: Burnette, Neal W.
APPLICANT: Kaslow, Harvey R.
TITLE OF INVENTION: RECOMBINANT DNA-DERIVED CHOLERA TOXIN
TITLE OF INVENTION: SUBUNIT ANALOGS
NUMBER OF SEQUENCES: 34
CORRESPONDENCE ADDRESS:
ADDRESSER: Amgen Inc.
STREET: 1840 De Havilland Drive
CITY: Thousand Oaks
STATE: California
COUNTRY: USA
ZIP: 91320-1789
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/449,045C
FILING DATE: 24-MAY-1995
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/694,733
FILING DATE: 02-MAY-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/271,222
FILING DATE: 06-JUL-1994
ATTORNEY/AGENT INFORMATION:
NAME: Mazza, Richard J.
REGISTRATION NUMBER: 27,657
REFERENCE/DOCKET NUMBER: A-196C

SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-08-449-045C-27

Query Match 3.8%; Score 10.4; DB 1; Length 15;
Best Local Similarity 91.7%; Pred. No. 3.6e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 917 TATCATCACCAC 928
Db 13 TATCATTACCAC 2

RESULT 638
US-08-311-486C-668/c
Sequence 668, Application US/08311486C
Patent No. 5811300
GENERAL INFORMATION:
APPLICANT: Sean Sullivan
APPLICANT: Kenneth Draper
APPLICANT: Kevin Kisich
APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwiggan
TITLE OF INVENTION: RIBOZYME TREATMENT OF
TITLE OF INVENTION: DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: TNF-
NUMBER OF SEQUENCES: 1157
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/311,486C
FILING DATE: September 23, 1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/166
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 668:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-311-486C-668

Query Match 3.6%; Score 10.4; DB 1; Length 15;
Best Local Similarity 91.7%; Pred. No. 3.6e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 933 CTCACAGAAAT 944
Db 15 CTCACAGTGAAT 4

RESULT 639

US-08-331-389A-4/c
; Sequence 4, Application US/08331389A
; Patent No. 5837449
; GENERAL INFORMATION:
; APPLICANT: Monia et al.
; TITLE OF INVENTION: Compositions and Methods for
; NUMBER OF SEQUENCES: 53
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz &
; ADDRESSEE: No. 5837449ris LLP
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC Compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WORDPERFECT 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/331,389A
; FILING DATE: 28-OCT-1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/814,963
; FILING DATE: 24-DEC-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Paul K. Legaard, Ph.D.
; REGISTRATION NUMBER: 38,534
; REFERENCE/DOCKET NUMBER: ISIS-1668
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; ANTI-SENSE: yes
US-08-331-389A-4

Query Match 3.6%; Score 10.4; DB 1; Length 15;
Best Local Similarity 91.7%; Pred. No. 3.6e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 914 GATTATCATCAC 925
Db 12 GATTATCATCAC 1

RESULT 640

US-08-500-914A-3
; Sequence 3, Application US/08500914A
; Patent No. 5856084
; GENERAL INFORMATION:
; APPLICANT: KARAYIANNIS, PETER
; APPLICANT: THOMAS, HOWARD C.
; TITLE OF INVENTION: HEPATITIS B VACCINE
; NUMBER OF SEQUENCES: 15
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: NIXON & VANDERHVE P.C.

STREET: 1100 NORTH GLEBE ROAD, 8TH FLOOR
CITY: ARLINGTON
STATE: VIRGINIA
COUNTRY: U.S.A.
ZIP: 22201-4714
COMPUTER READABLE FORM: disk
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/500,914A
FILING DATE: 28-DEC-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: MITCHARD, LEONARD C.
REGISTRATION NUMBER: 29,009
REFERENCE/DOCKET NUMBER: 1208-17
TELECOMMUNICATION INFORMATION:
TELEPHONE: 703-816-4000
TELEFAX: 703-816-4100
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
US-08-500-914A-3

Query Match 3.6%; Score 10.4; DB 1; Length 15;
Best Local Similarity 91.7%; Pred. No. 3.6e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 859 GGCTCCAGTTGG 870
Db 3 GGATCCAGTTGG 14

RESULT 641

US-08-500-914A-15
; Sequence 15, Application US/08500914A
; Patent No. 5856084
; GENERAL INFORMATION:
; APPLICANT: KARAYIANNIS, PETER
; APPLICANT: THOMAS, HOWARD C.
; TITLE OF INVENTION: HEPATITIS B VACCINE
; NUMBER OF SEQUENCES: 15
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: NIXON & VANDERHVE P.C.
; STREET: 1100 NORTH GLEBE ROAD, 8TH FLOOR
; CITY: ARLINGTON
; STATE: VIRGINIA
; COUNTRY: U.S.A.
; ZIP: 22201-4714
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/500,914A
FILING DATE: 28-DEC-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: MITCHARD, LEONARD C.
REGISTRATION NUMBER: 29,009
REFERENCE/DOCKET NUMBER: 1208-17
TELECOMMUNICATION INFORMATION:
TELEPHONE: 703-816-4000
TELEFAX: 703-816-4100
INFORMATION FOR SEQ ID NO: 15:
SEQUENCE CHARACTERISTICS:

```

; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
US-08-500-914A-15

Query Match
Best Local Similarity 3.6%; Score 10.4; DB 1; Length 15;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 859 GGCTCCAGTTGG 870
DB 3 GGATCCAGTTGG 14

RESULT 642
US-08-173-489C-109/c
; Sequence 109, Application US/08173489C
; Patent No. 5861244
; GENERAL INFORMATION:
; APPLICANT: WANG, C. -G.
; APPLICANT: HEPBURN, A. G.
; TITLE OF INVENTION: GENETIC SEQUENCE ASSAY USING DNA
; TITLE OF INVENTION: TRIPLE-STRAND FORMATION.
; NUMBER OF SEQUENCES: 365
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: PROFILE DIAGNOSTIC SCIENCES, INC.,
; STREET: 510 EAST 73RD STREET,
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10021
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch, 1.44Mb storage
; COMPUTER: IBM PC/XT/AT
; OPERATING SYSTEM: MS-DOS version 6.2
; SOFTWARE: Wordperfect Version 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/173,489C
; FILING DATE: 22 DEC 1993
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/968,436
; FILING DATE: 29 OCT 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Handelmann, Joseph H.
; REGISTRATION NUMBER: 26,179
; REFERENCE/DOCKET NUMBER: U9518-6
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (attorney) (212) 708-1880
; TELEFAX: (attorney) (212) 246-8959
; INFORMATION FOR SEQ ID NO: 109:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double stranded
; TOPOLOGY: linear
; MOLECULE TYPE: genomic DNA
; DESCRIPTION: prealbumin gene exon 4 (accession #
; DESCRIPTION: M15517) nucleotides 166 to 180
; HYPOTHETICAL: no
; ANTI-SENSE: no
; ORIGINAL SOURCE:
; ORGANISM: Homo sapiens
; POSITION IN GENOME:
; CHROMOSOME/SEGMENT: chromosome 18
; MAP POSITION: 18q11.2-12.1
; PUBLICATION INFORMATION:
; AUTHORS: Maeda, S, Mita, S, Araki, S, Shimada,
; AUTHORS: K.
; TITLE: Structure and expression of
; TITLE: the mutant prealbumin gene associated with

```


APPLICANT: McSwiggen, James
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
INDUCTION OF GRAFT TOLERANCE
TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
NUMBER OF SEQUENCES: 2751
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
SUITE: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/585,684B
FILING DATE: January 16, 1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/000,951
FILING DATE: July 7, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/078
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-585-684B-8

Query Match 3.6%; Score 10.4; DB 1; Length 15;
Best Local Similarity 66.7%; Pred. No. 3.6e+02;
Matches 8; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

Qy 838 CTTCTCTGAAGA 849
|:|:|:|:|:|
Db 3 CCUCUCUGAAGA 14

RESULT 645
US-08-585-684B-886
Sequence 886, Application US/08585684B
Patent No. 5877021
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Daniel T.
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
INDUCTION OF GRAFT TOLERANCE
TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
NUMBER OF SEQUENCES: 2751
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
SUITE: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/585,684B
FILING DATE: January 16, 1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/000,951
FILING DATE: July 7, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/078
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440

COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/585,684B
FILING DATE: January 16, 1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/000,951
FILING DATE: July 7, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/078
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 886:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-585-684B-886

Query Match 3.6%; Score 10.4; DB 1; Length 15;
Best Local Similarity 58.3%; Pred. No. 3.6e+02;
Matches 7; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

Qy 838 CTTCTCTGAAGA 849
|:|:|:|:|:|
Db 4 CUUUCUGAAGA 15

RESULT 646
US-08-585-684B-887
Sequence 887, Application US/08585684B
Patent No. 5877021
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Daniel T.
APPLICANT: McSwiggen, James
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
INDUCTION OF GRAFT TOLERANCE
TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
NUMBER OF SEQUENCES: 2751
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
SUITE: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/585,684B
FILING DATE: January 16, 1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/000,951
FILING DATE: July 7, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/078
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440

```

; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 887:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-585-684B-887

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```

Query Match 3.6%; Score 10.4; DB 1; Length 15;
Best Local Similarity 58.3%; Pred. No. 3.6e+02;
Matches 7; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

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QY 838 CTTCTCTGAAGA 849
Db 3 CUUUUCUGAAGA 14

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```

RESULT 647
US-08-585-684B-888
; Sequence 888 Application US/08585684B
; Patent No. 5877021
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; COUNTRY: California
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSEQ Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/585,684B
; FILING DATE: January 16, 1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/000,951
; FILING DATE: July 7, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/078
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 888:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-585-684B-888

```

```

Query Match 3.6%; Score 10.4; DB 1; Length 15;
Best Local Similarity 58.3%; Pred. No. 3.6e+02;
Matches 7; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

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QY 838 CTTCTCTGAAGA 849
Db 3 CUUUUCUGAAGA 14

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RESULT 648
US-08-585-684B-1200
; Sequence 1200 Application US/08585684B
; Patent No. 5877021
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; COUNTRY: California
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSEQ Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/585,684B
; FILING DATE: January 16, 1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/000,951
; FILING DATE: July 7, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/078
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1200:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-585-684B-1200

```

```

Query Match 3.6%; Score 10.4; DB 1; Length 15;
Best Local Similarity 33.3%; Pred. No. 3.6e+02;
Matches 4; Conservative 7; Mismatches 1; Indels 0; Gaps 0;

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QY 834 TTTTCTCTCTG 845
Db 1 UUUGCUCUCUG 12

```

```

RESULT 649
US-08-585-684B-1215/c
; Sequence 1215 Application US/08585684B
; Patent No. 5877021
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon

```

```
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSEQ Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/585,684B
; FILING DATE: January 16, 1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/000,951
; FILING DATE: July 7, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/078
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1215:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-585-684B-1215

Query Match 3.6%; Score 10.4; DB 1; Length 15;
Best Local Similarity 91.7%; Pred. No. 3.6e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 937 AGAGAATTTCAC 948
Db 12 AGAGAATTTCAC 1

RESULT 650
US-08-585-684B-2347/c
; Sequence 2347, Application US/08585684B
; Patent No. 5877021
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSEQ Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/585,684B
; FILING DATE: January 16, 1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/000,951
; FILING DATE: July 7, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/078
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2348:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-585-684B-2348
```

```
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSEQ Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/585,684B
; FILING DATE: January 16, 1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/000,951
; FILING DATE: July 7, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/078
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1215:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-585-684B-1215

Query Match 3.6%; Score 10.4; DB 1; Length 15;
Best Local Similarity 91.7%; Pred. No. 3.6e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 877 TTCCTGAGATGC 888
Db 13 TTCCTGAGATGC 2

RESULT 651
US-08-585-684B-2348/c
; Sequence 2348, Application US/08585684B
; Patent No. 5877021
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSEQ Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/585,684B
; FILING DATE: January 16, 1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/000,951
; FILING DATE: July 7, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/078
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2348:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-585-684B-2348
```

US-08-585-684B-2348

Query Match 3.6%; Score 10.4; DB 1; Length 15;
Best Local Similarity 91.7%; Pred. No. 3.6e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 877 TTCTGAGATGC 888
DB 13 TTCTGAGATGC 2

RESULT 652

US-08-774-310-46/c
Sequence 46, Application US/08774310
Patent No. 5877022

GENERAL INFORMATION:
APPLICANT: Scinchcomb, Daniel T.
APPLICANT: McSwiggen, James
APPLICANT: Newton, Roger S.
APPLICANT: Ramharack, Randy
TITLE OF INVENTION: RIBOZYME TREATMENT OF DISEASES
TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS OF
TITLE OF INVENTION: PLASMA LIPOPROTEIN (a) [LP(a)] BY
TITLE OF INVENTION: INHIBITING APOLIPOPROTEIN
TITLE OF INVENTION:
NUMBER OF SEQUENCES: 392
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/774,310
FILING DATE: December 23, 1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/311,760
FILING DATE: September 23, 1994
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 223/229
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 46:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-774-310-46

Query Match 3.6%; Score 10.4; DB 1; Length 15;
Best Local Similarity 91.7%; Pred. No. 3.6e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 787 CCTCTGGTGCCA 798
DB 13 CCTCTGATGCCA 2

RESULT 653

US-08-757-024-439/c

Sequence 439, Application US/08757024

Patent No. 6025339
GENERAL INFORMATION:
APPLICANT: Nyce, Jonathan W.
TITLE OF INVENTION: METHOD OF TREATMENT FOR ASTHMA
NUMBER OF SEQUENCES: 952
CORRESPONDENCE ADDRESS:

ADDRESSEE: BELL, SELTZER, PARK & GIBSON
STREET: P.O. Drawer 34009
CITY: Charlotte
STATE: No. 6025339th Carolina
COUNTRY: USA
ZIP: 28234

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/757,024
FILING DATE: 26-NOV-1996
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Sibley, Kenneth D.
REGISTRATION NUMBER: 31,665
REFERENCE/DOCKET NUMBER: 5218-41
TELECOMMUNICATION INFORMATION:
TELEPHONE: 919-881-3140
TELEFAX: 919-881-3175
TELEX: 575102
INFORMATION FOR SEQ ID NO: 439:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-757-024-439

Query Match 3.6%; Score 10.4; DB 1; Length 15;
Best Local Similarity 91.7%; Pred. No. 3.6e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 807 CCTCCAATCAG 818
DB 15 CCTCCATCTCAG 4

RESULT 654

US-08-757-024-469/c
Sequence 469, Application US/08757024
Patent No. 6025339

GENERAL INFORMATION:
APPLICANT: Nyce, Jonathan W.
TITLE OF INVENTION: METHOD OF TREATMENT FOR ASTHMA
NUMBER OF SEQUENCES: 952
CORRESPONDENCE ADDRESS:

ADDRESSEE: BELL, SELTZER, PARK & GIBSON
STREET: P.O. Drawer 34009
CITY: Charlotte
STATE: No. 6025339th Carolina
COUNTRY: USA
ZIP: 28234

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/757,024
FILING DATE: 26-NOV-1996
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:

```

; NAME: Sibley, Kenneth D.
; REGISTRATION NUMBER: 31,665
; REFERENCE/DOCKET NUMBER: 5218-41
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 919-881-3140
; TELEFAX: 919-881-3175
; TELEX: 575102
; INFORMATION FOR SEQ ID NO: 469:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-757-024-469

Query Match          3.6%; Score 10.4; DB 1; Length 15;
Best Local Similarity 91.7%; Pred. No. 3.6e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      807 CCTCCAACTCAG 818
Db      14 CCTCCATCTCAG 3

RESULT 655
US-08-757-024-498/c
; Sequence 498, Application US/08757024
; Patent No. 6025339
; GENERAL INFORMATION:
; APPLICANT: Nyce, Jonathan W.
; TITLE OF INVENTION: METHOD OF TREATMENT FOR ASTHMA
; NUMBER OF SEQUENCES: 952
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BELL, SELTZER, PARK & GIBSON
; STREET: P.O. Drawer 34009
; CITY: Charlotte
; STATE: No. 6025339th Carolina
; COUNTRY: USA
; ZIP: 28234
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; FILING DATE: 26-NOV-1996
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Sibley, Kenneth D.
; REGISTRATION NUMBER: 31,665
; REFERENCE/DOCKET NUMBER: 5218-41
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 919-881-3140
; TELEFAX: 919-881-3175
; TELEX: 575102
; INFORMATION FOR SEQ ID NO: 526:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-757-024-526

Query Match          3.6%; Score 10.4; DB 1; Length 15;
Best Local Similarity 91.7%; Pred. No. 3.6e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      807 CCTCCAACTCAG 818
Db      12 CCTCCATCTCAG 1

RESULT 657
US-09-043-123-5/c
; Sequence 5, Application US/09043123A
; Patent No. 6096521
; GENERAL INFORMATION:
; APPLICANT: HAAS, Rainer
; APPLICANT: ODENBREIT, Stefan
; APPLICANT: MEYER, Thomas F.
; APPLICANT: BLUM, Andre
; APPLICANT: CORTHESY-THEULAZ, Irene
; TITLE OF INVENTION: NEW ADHESIN FROM HELICOBACTER PYLORI
; FILE REFERENCE: 05648004
; CURRENT APPLICATION NUMBER: US/09/043,123A
; CURRENT FILING DATE: 1998-06-26
; EARLIER APPLICATION NUMBER: DE/195 35 321.8
; EARLIER FILING DATE: 1995-09-22
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: Patent In Ver. 2.0
; SEQ ID NO 5
; LENGTH: 15
; TYPE: DNA

Query Match          3.6%; Score 10.4; DB 1; Length 15;
Best Local Similarity 91.7%; Pred. No. 3.6e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      807 CCTCCAACTCAG 818
Db      13 CCTCCATCTCAG 2
```

ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: synthetic
US-09-049-123-5

Query Match 3.6%; Score 10.4; DB 1; Length 15;
Best Local Similarity 91.7%; Pred. No. 3.6e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 920 CATCATCACCAC 931
DB 15 CACCACCACCAC 4

RESULT 658
US-09-192-657A-4/c
Sequence 4, Application US/09192657A
Patent No. 6177246
GENERAL INFORMATION:
APPLICANT: Monia et al.
TITLE OF INVENTION: Composition and Methods for
Modulating -Amyloid
NUMBER OF SEQUENCES: 51
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz
ADDRESS: Mackiewicz & No. 6177246ris LLP
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103

COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB
MEDIUM TYPE: STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/192.657A
FILING DATE: 16-NOV-1998
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/814,963
FILING DATE: 12/24/91
ATTORNEY/AGENT INFORMATION:
NAME: Paul K. Legard
REGISTRATION NUMBER: 38,534
REFERENCE/DOCKET NUMBER: ISIS-3301
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 15
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
ANTI-SENSE: yes
US-09-192-657A-4

Query Match 3.6%; Score 10.4; DB 1; Length 15;
Best Local Similarity 91.7%; Pred. No. 3.6e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 914 GATTATCATCAC 925
DB 12 GATCATCATCAC 1

RESULT 659
US-09-049-190-20
Sequence 20, Application US/09049190
Patent No. 6190866

GENERAL INFORMATION:
APPLICANT: Nielsen et al.
TITLE OF INVENTION: Peptide Nucleic Acids Having
Antibacterial Activity
NUMBER OF SEQUENCES: 20
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: U.S.A.
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch disk, 1.44 MB
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Wordperfect 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/049,190
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: John W. Caldwell
REGISTRATION NUMBER: 28,937
REFERENCE/DOCKET NUMBER: ISIS-2560
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-568-3100
TELEFAX: 215-568-3439
INFORMATION FOR SEQ ID NO: 20:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 bases
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
FEATURE:
NAME/KEY: Modified-site
LOCATION: 1
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 2
OTHER INFORMATION: N-pseudo isocytosine-acetyl(2-
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 3
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 4
OTHER INFORMATION: N-pseudo isocytosine-acetyl(2-
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 5
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 6
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 7
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
FEATURE:

NAME/KEY: Modified-site
LOCATION: 8
OTHER INFORMATION: (O-2-aminoethyl-O'-acetyl-ethylene
OTHER INFORMATION: glycol)3
FEATURE:
NAME/KEY: Modified-site
LOCATION: 9
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 11
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 12
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 13
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 14
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 15
OTHER INFORMATION: N-[acetyl(2-aminoethyl)]-C-lysine-glycine
OTHER INFORMATION: backbone
US-09-049-190-20

Query Match 3.6%; Score 10.4; DB 1; Length 15;
Best Local Similarity 73.3%; Pred. No. 3.6e+02;
Matches 11; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 830 TCTCTTTCTCTCT 844
| | | | | | | | | |
Db 1 TWTNTTNTTCTCT 15

RESULT 660
US-09-038-073-8
Sequence 8, Application US/09038073
Patent No. 6194150
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Daniel T.
APPLICANT: Jarvis, Thale
APPLICANT: McSwiggen, James
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
INDUCTION OF GRAFT TOLERANCE
TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
NUMBER OF SEQUENCES: 2751
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
SUITE: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/038,073
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/585,684
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/078
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440

COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/038,073
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/585,684
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/078
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-038-073-8

Query Match 3.6%; Score 10.4; DB 1; Length 15;
Best Local Similarity 66.7%; Pred. No. 3.6e+02;
Matches 8; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

Qy 838 CTTCTCTGAAGA 849
| | | | | | | | | |
Db 3 CCUCUCUGAAGA 14

RESULT 661
US-09-038-073-886
Sequence 886, Application US/09038073
Patent No. 6194150
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Daniel T.
APPLICANT: McSwiggen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
INDUCTION OF GRAFT TOLERANCE
TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
NUMBER OF SEQUENCES: 2751
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
SUITE: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/038,073
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/585,684
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/078
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440

TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 886:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-038-073-886

Query Match 3.6%; Score 10.4; DB 1; Length 15;
Best Local Similarity 58.3%; Pred. No. 3.6e+02;
Matches 7; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

Qy 838 CTTCTCTGAAGA 849
Db 4 CUUUCUGAAGA 15

RESULT 662

US-09-038-073-887
; Sequence 887, Application US/09038073
; Patent No. 6194150
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/038,073
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/585,684

FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/078
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 887:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-038-073-887

Query Match 3.6%; Score 10.4; DB 1; Length 15;
Best Local Similarity 58.3%; Pred. No. 3.6e+02;
Matches 7; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

Qy 838 CTTCTCTGAAGA 849
Db 3 CUUUCUGAAGA 14

RESULT 663

US-09-038-073-888
; Sequence 888, Application US/09038073
; Patent No. 6194150
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/038,073
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/585,684

FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/078
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 888:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-038-073-888

Query Match 3.6%; Score 10.4; DB 1; Length 15;
Best Local Similarity 58.3%; Pred. No. 3.6e+02;
Matches 7; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

Qy 838 CTTCTCTGAAGA 849
Db 3 CUUUCUGAAGA 14

RESULT 664

US-09-038-073-1200
; Sequence 1200, Application US/09038073
; Patent No. 6194150
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon

INFORMATION FOR SEQ ID NO: 889:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-038-073-889

Query Match 3.6%; Score 10.4; DB 1; Length 15;
Best Local Similarity 58.3%; Pred. No. 3.6e+02;
Matches 7; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

Qy 838 CTTCTCTGAAGA 849
Db 3 CUUUCUGAAGA 14

STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/038,073
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/585,684
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/078
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1200:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-038-073-1200

Query Match 3.6%; Score 10.4; DB 1; Length 15;
Best Local Similarity 33.3%; Pred. No. 3.6e+02;
Matches 4; Conservative 7; Mismatches 1; Indels 0; Gaps 0;
QY 834 TTTTCTCTCTG 845
Db 1 UUUGCUUCUCUG 12

RESULT 665
US-09-038-073-1215/c
Sequence 1215, Application US/09038073
Patent No. 6194150
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Daniel T.
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
INDUCTION OF GRAFT TOLERANCE
TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
NUMBER OF SEQUENCES: 2751
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/038,073
FILING DATE:
PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/585,684
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/078
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1215:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-038-073-1215

Query Match 3.8%; Score 10.4; DB 1; Length 15;
Best Local Similarity 91.7%; Pred. No. 3.6e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 937 AGAGAATTTTAC 948
Db 12 AGAGAATGTAC 1

RESULT 666
US-09-038-073-2347/c
Sequence 2347, Application US/09038073
Patent No. 6194150
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Daniel T.
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
INDUCTION OF GRAFT TOLERANCE
TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
NUMBER OF SEQUENCES: 2751
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/038,073
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/585,684
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/078
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 2347:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

US-09-038-073-2347

Query Match 3.6%; Score 10.4; DB 1; Length 15;
 Best Local Similarity 91.7%; Pred. No. 3.6e+02;
 Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 877 TTCCTGAGATGC 888
 Db 13 TTCTGAGATGC 2

RESULT 667

US-09-038-073-2348/c
 ; Sequence 2348, Application US/09038073
 ; Patent No. 6194150
 ; GENERAL INFORMATION:
 ; APPLICANT: Stinchcomb, Daniel T.
 ; APPLICANT: Jarvis, Thale
 ; APPLICANT: McSwigen, James
 ; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
 ; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
 ; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES

NUMBER OF SEQUENCES: 2751
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Lyon & Lyon
 ; STREET: 633 West Fifth Street
 ; CITY: Suite 4700
 ; CITY: Los Angeles
 ; STATE: California
 ; COUNTRY: U.S.A.
 ; ZIP: 90071

COMPUTER READABLE FORM:
 ; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 ; MEDIUM TYPE: storage
 ; COMPUTER: IBM Compatible
 ; OPERATING SYSTEM: IBM P.C. DOS 5.0
 ; SOFTWARE: FastSeq Version 1.5
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/038,073
 ; FILING DATE:
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 08/585,684

; FILING DATE:
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Warburg, Richard
 ; REGISTRATION NUMBER: 32,327
 ; REFERENCE/DOCKET NUMBER: 218/078
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (213) 489-1600
 ; TELEFAX: (213) 955-0440
 ; TELEX: 67-3510
 ; INFORMATION FOR SEQ ID NO: 2348:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 15 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; US-09-038-073-2348

Query Match 3.6%; Score 10.4; DB 1; Length 15;
 Best Local Similarity 91.7%; Pred. No. 3.6e+02;
 Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 877 TTCCTGAGATGC 888
 Db 13 TTCTGAGATGC 2

RESULT 668

US-08-932-140C-20
 ; Sequence 20, Application US/08932140C
 ; Patent No. 6300318
 ; GENERAL INFORMATION:

APPLICANT: Nielsen et al.
 TITLE OF INVENTION: Peptide Nucleic Acids Having
 TITLE OF INVENTION: Antibacterial Activity
 NUMBER OF SEQUENCES: 23
 CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz &
 ; ADDRESSEE: No. 6300318aris LLP
 ; STREET: One Liberty Place - 46th Floor
 ; CITY: Philadelphia
 ; STATE: PA
 ; COUNTRY: U.S.A.
 ; ZIP: 19103
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: 3.5 inch disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: Microsoft Word
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/932,140C
 ; FILING DATE: September 16, 1997
 ; CLASSIFICATION:
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER:
 ; FILING DATE:
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: John W. Caldwell
 ; REGISTRATION NUMBER: 28,937
 ; REFERENCE/DOCKET NUMBER: ISIS-2560
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 215-568-3100
 ; TELEFAX: 215-568-3439
 ; INFORMATION FOR SEQ ID NO: 20:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 15 bases
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; FEATURE:
 ; NAME/KEY: Modified-site
 ; LOCATION: 1
 ; OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
 ; OTHER INFORMATION: backbone
 ; FEATURE:
 ; NAME/KEY: Modified-site
 ; LOCATION: 2
 ; OTHER INFORMATION: N-pseudo isocytosine-acetyl(2-
 ; OTHER INFORMATION: aminoethyl)glycine backbone
 ; FEATURE:
 ; NAME/KEY: Modified-site
 ; LOCATION: 3
 ; OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
 ; OTHER INFORMATION: backbone
 ; FEATURE:
 ; NAME/KEY: Modified-site
 ; LOCATION: 4
 ; OTHER INFORMATION: N-pseudo isocytosine-acetyl(2-
 ; OTHER INFORMATION: aminoethyl)glycine backbone
 ; FEATURE:
 ; NAME/KEY: Modified-site
 ; LOCATION: 5
 ; OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
 ; OTHER INFORMATION: backbone
 ; FEATURE:
 ; NAME/KEY: Modified-site
 ; LOCATION: 6
 ; OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
 ; OTHER INFORMATION: backbone
 ; FEATURE:
 ; NAME/KEY: Modified-site
 ; LOCATION: 7
 ; OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
 ; OTHER INFORMATION: backbone
 ; FEATURE:

NAME/KEY: Modified-site
LOCATION: 8
OTHER INFORMATION: (O-2-aminoethyl-O'-acetyl)-
OTHER INFORMATION: ethylene glycol)3
FEATURE:
NAME/KEY: Modified-site
LOCATION: 9
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 10
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 11
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 12
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 13
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 14
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 15
OTHER INFORMATION: N-[acetyl(2-aminoethyl)]-C-
OTHER INFORMATION: lysine-glycine backbone
US-08-932-140C-20

Query Match 3.6%; Score 10.4; DB 1; Length 15;
Best Local Similarity 73.3%; Pred. No. 3.6e+02;
Matches 11; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 830 TCTCTTTTCTCTCT 844
Db 1 TTTTNTTTCTCT 15

RESULT 669
US-09-081-646-8
Sequence 8, Application US/09081646
Patent No. 633152
GENERAL INFORMATION:
APPLICANT: Kinzler, Kenneth
APPLICANT: Vogelstein, Bert
APPLICANT: Zhang, Lin
APPLICANT: Zhou, Wei
TITLE OF INVENTION: Gene Expression Profiles in No. 6333152mal and
FILE REFERENCE: 01107.74664
CURRENT APPLICATION NUMBER: US/09/081,646
CURRENT FILING DATE: 1998-05-20
EARLIER FILING DATE: 1998-05-20
EARLIER FILING DATE: 1997-05-21
NUMBER OF SEQ ID NOS: 871
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 8
LENGTH: 15
TYPE: DNA
ORGANISM: Homo sapiens
US-09-081-646-8

Query Match 3.6%; Score 10.4; DB 1; Length 15;
Best Local Similarity 91.7%; Pred. No. 3.6e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 976 ATCTGGTGATG 987
Db 2 ATGTTGTATG 13
RESULT 670
US-09-081-646-131
Sequence 131, Application US/09081646
Patent No. 633152
GENERAL INFORMATION:
APPLICANT: Kinzler, Kenneth
APPLICANT: Vogelstein, Bert
APPLICANT: Zhang, Lin
APPLICANT: Zhou, Wei
TITLE OF INVENTION: Gene Expression Profiles in No. 6333152mal and
FILE REFERENCE: 01107.74664
CURRENT APPLICATION NUMBER: US/09/081,646
CURRENT FILING DATE: 1998-05-20
EARLIER FILING DATE: 1997-05-21
NUMBER OF SEQ ID NOS: 871
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 131
LENGTH: 15
TYPE: DNA
ORGANISM: Homo sapiens
US-09-081-646-131

Query Match 3.6%; Score 10.4; DB 1; Length 15;
Best Local Similarity 91.7%; Pred. No. 3.6e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 797 CAAGAGCTCTCC 808
Db 1 CATGAGCTCTCC 12

RESULT 671
US-09-081-646-218/c
Sequence 218, Application US/09081646
Patent No. 633152
GENERAL INFORMATION:
APPLICANT: Kinzler, Kenneth
APPLICANT: Vogelstein, Bert
APPLICANT: Zhang, Lin
APPLICANT: Zhou, Wei
TITLE OF INVENTION: Gene Expression Profiles in No. 6333152mal and
FILE REFERENCE: 01107.74664
CURRENT APPLICATION NUMBER: US/09/081,646
CURRENT FILING DATE: 1998-05-20
EARLIER FILING DATE: 1997-05-21
NUMBER OF SEQ ID NOS: 871
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 218
LENGTH: 15
TYPE: DNA
ORGANISM: Homo sapiens
US-09-081-646-218

Query Match 3.6%; Score 10.4; DB 1; Length 15;
Best Local Similarity 91.7%; Pred. No. 3.6e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 750 TCCAGGGTCCC 761
Db 1 TTTTNTTTCTCT 15

```
Db      15  TCCAGGGTTC 4

RESULT 672
US-09-081-646-255
; Sequence 255, Application US/09081646
; Patent No. 6333152
; GENERAL INFORMATION:
; APPLICANT: Kinzler, Kenneth
; APPLICANT: Vogelstein, Bert
; APPLICANT: Zhang, Lin
; APPLICANT: Zhou, Wei
; TITLE OF INVENTION: Gene Expression Profiles in No. 6333152mal and
; FILE REFERENCE: 01107.74664
; CURRENT APPLICATION NUMBER: US/09/081,646
; EARLIER FILING DATE: 1998-05-20
; EARLIER FILING DATE: 1997-05-21
; NUMBER OF SEQ ID NOS: 871
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 255
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-081-646-255

Query Match      3.6%; Score 10.4; DB 1; Length 15;
Best Local Similarity 91.7%; Pred. No. 3.6e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      884  GATGCACTTACT 895
Db      4  GGTGCACTTACT 15

RESULT 673
US-09-081-646-490
; Sequence 490, Application US/09081646
; Patent No. 6333152
; GENERAL INFORMATION:
; APPLICANT: Kinzler, Kenneth
; APPLICANT: Vogelstein, Bert
; APPLICANT: Zhang, Lin
; APPLICANT: Zhou, Wei
; TITLE OF INVENTION: Gene Expression Profiles in No. 6333152mal and
; FILE REFERENCE: 01107.74664
; CURRENT APPLICATION NUMBER: US/09/081,646
; EARLIER FILING DATE: 1998-05-20
; EARLIER FILING DATE: 1997-05-21
; NUMBER OF SEQ ID NOS: 871
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 490
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-081-646-490

Query Match      3.6%; Score 10.4; DB 1; Length 15;
Best Local Similarity 91.7%; Pred. No. 3.6e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      976  ATCTGGTGTATG 987
Db      2  ATCTGGTGTATG 13

RESULT 674
US-09-081-646-840
; Sequence 840, Application US/09081646
; Patent No. 6333152
; GENERAL INFORMATION:
; APPLICANT: Kinzler, Kenneth
; APPLICANT: Vogelstein, Bert
; APPLICANT: Zhang, Lin
; APPLICANT: Zhou, Wei
; TITLE OF INVENTION: Gene Expression Profiles in No. 6333152mal and
; FILE REFERENCE: 01107.74664
; CURRENT APPLICATION NUMBER: US/09/081,646
; EARLIER FILING DATE: 1998-05-20
; EARLIER FILING DATE: 1997-05-21
; NUMBER OF SEQ ID NOS: 871
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 840
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-081-646-840

Query Match      3.6%; Score 10.4; DB 1; Length 15;
Best Local Similarity 91.7%; Pred. No. 3.6e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      750  TCCAGGGTTC 761
Db      15  TCCAGGGTTC 4

RESULT 676
US-09-415-784-6
; Sequence 6, Application US/09415784
; Patent No. 6391632
; GENERAL INFORMATION:
; APPLICANT: Dubensky Jr., Thomas W.
; APPLICANT: Polo, John M.
; APPLICANT: Belli, Barbara A.
; APPLICANT: Schlesinger, Sondra
; APPLICANT: Dryga, Sergey A.
; APPLICANT: Frolov, Ilya
US-09-415-784-6

Query Match      3.6%; Score 10.4; DB 1; Length 15;
Best Local Similarity 91.7%; Pred. No. 3.6e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      797  CAAGAGCTCTCC 808
Db      1  CATGAGCTCTCC 12

RESULT 675
US-09-081-646-855/c
; Sequence 855, Application US/09081646
; Patent No. 6333152
; GENERAL INFORMATION:
; APPLICANT: Kinzler, Kenneth
; APPLICANT: Vogelstein, Bert
; APPLICANT: Zhang, Lin
; APPLICANT: Zhou, Wei
; TITLE OF INVENTION: Gene Expression Profiles in No. 6333152mal and
; FILE REFERENCE: 01107.74664
; CURRENT APPLICATION NUMBER: US/09/081,646
; EARLIER FILING DATE: 1998-05-20
; EARLIER FILING DATE: 1997-05-21
; NUMBER OF SEQ ID NOS: 871
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 855
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-081-646-855

Query Match      3.6%; Score 10.4; DB 1; Length 15;
Best Local Similarity 91.7%; Pred. No. 3.6e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      750  TCCAGGGTTC 761
Db      15  TCCAGGGTTC 4

RESULT 676
US-09-415-784-6
; Sequence 6, Application US/09415784
; Patent No. 6391632
; GENERAL INFORMATION:
; APPLICANT: Dubensky Jr., Thomas W.
; APPLICANT: Polo, John M.
; APPLICANT: Belli, Barbara A.
; APPLICANT: Schlesinger, Sondra
; APPLICANT: Dryga, Sergey A.
; APPLICANT: Frolov, Ilya
US-09-415-784-6

Query Match      3.6%; Score 10.4; DB 1; Length 15;
Best Local Similarity 91.7%; Pred. No. 3.6e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      750  TCCAGGGTTC 761
Db      15  TCCAGGGTTC 4
```

```
/
/ TITLE OF INVENTION: RECOMBINANT ALPHAVIRUS-BASED VECTORS
/ WITH REDUCED INHIBITION OF CELLULAR MACRO-MOLECULAR
/ SYNTHESIS
/
/ NUMBER OF SEQUENCES: 125
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Seed Intellectual Property Law Group PLLC
/ STREET: 701 Fifth Avenue, Suite 6300
/ CITY: Seattle
/ STATE: Washington
/ COUNTRY: USA
/ ZIP: 98104-7092
/
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.30
/
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/415,784
/ FILING DATE: 08-Oct-1999
/ CLASSIFICATION: <Unknown>
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Mcmasters, David D.
/ REGISTRATION NUMBER: 33,963
/ REFERENCE/DOCKET NUMBER: 930049.457D1 /1196.006
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (206) 622-4900
/ TELEFAX: (206) 682-6031
/
/ INFORMATION FOR SEQ ID NO: 6:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 15 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/
/ SEQUENCE DESCRIPTION: SEQ ID NO: 6:
US-09-415-784-6
Query Match 3.6%; Score 10.4; DB 1; Length 15;
Best Local Similarity 91.7%; Pred. No. 3.6e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 868 TGGACACTTTC 879
Db 4 TGGATCACTTTC 15

RESULT 677
US-09-415-785A-6
/ Sequence 6, Application US/09415785A
/ Patent No. 6426196
/ GENERAL INFORMATION:
/ APPLICANT: Dubensky Jr., Thomas W.
/ Belli, John M.
/ Belli, Barbara A.
/ Schlesinger, Sondra
/ Dryga, Sergey A.
/ Frolov, Ilya
/
/ TITLE OF INVENTION: RECOMBINANT ALPHAVIRUS-BASED VECTORS
/ WITH REDUCED INHIBITION OF CELLULAR MACRO-MOLECULAR
/ SYNTHESIS
/
/ NUMBER OF SEQUENCES: 125
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Seed Intellectual Property Law Group PLLC
/ STREET: 701 Fifth Avenue, Suite 6300
/ CITY: Seattle
/ STATE: Washington
/ COUNTRY: USA
/ ZIP: 98104-7092
/
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.30
/
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/415,784
/ FILING DATE: 08-Oct-1999
/ CLASSIFICATION:
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Mcmasters, David D.
/ REGISTRATION NUMBER: 33,963
/ REFERENCE/DOCKET NUMBER: 930049.457D1 /1196.005
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (206) 622-4900
/ TELEFAX: (206) 682-6031
/
/ INFORMATION FOR SEQ ID NO: 6:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 15 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/
/ SEQUENCE DESCRIPTION: SEQ ID NO: 6:
US-08-944-465-6
Query Match 3.6%; Score 10.4; DB 1; Length 15;
Best Local Similarity 91.7%; Pred. No. 3.6e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 868 TGGACACTTTC 879
Db 4 TGGATCACTTTC 15

RESULT 678
US-08-944-465-6
/ Sequence 6, Application US/08944465
/ Patent No. 6451592
/ GENERAL INFORMATION:
/ APPLICANT: Dubensky Jr., Thomas W.
/ APPLICANT: Polo, John M.
/ APPLICANT: Belli, Barbara A.
/ APPLICANT: Schlesinger, Sondra
/ APPLICANT: Dryga, Sergey A.
/ APPLICANT: Frolov, Ilya
/
/ TITLE OF INVENTION: RECOMBINANT ALPHAVIRUS-BASED VECTORS
/ WITH REDUCED INHIBITION OF CELLULAR MACRO-MOLECULAR
/ SYNTHESIS
/
/ NUMBER OF SEQUENCES: 125
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Seed Intellectual Property Law Group PLLC
/ STREET: 701 Fifth Avenue, Suite 6300
/ CITY: Seattle
/ STATE: Washington
/ COUNTRY: USA
/ ZIP: 98104-7092
/
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.30
/
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/944,465
/ FILING DATE: 06-Oct-1997
/ CLASSIFICATION:
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Mcmasters, David D.
/ REGISTRATION NUMBER: 33,963
/ REFERENCE/DOCKET NUMBER: 930049.457D1 /1196.005
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (206) 622-4900
/ TELEFAX: (206) 682-6031
/
/ INFORMATION FOR SEQ ID NO: 6:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 15 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/
/ SEQUENCE DESCRIPTION: SEQ ID NO: 6:
US-08-944-465-6
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Query Match 3.6%; Score 10.4; DB 1; Length 15;
Best Local Similarity 91.7%; Pred. No. 3.6e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 868 TGGACACTTTC 879
|||||
Db 4 TGGATCACTTTC 15

RESULT 679
US-09-415-868-6
; Sequence 6, Application US/09415868
; Patent No. 6458560
; GENERAL INFORMATION:
; APPLICANT: Dubensky Jr., Thomas W.
; APPLICANT: Polo, John M.
; APPLICANT: Belli, Barbara A.
; APPLICANT: Schlesinger, Sondra
; APPLICANT: Dryga, Sergey A.
; APPLICANT: Frolov, Ilya
; TITLE OF INVENTION: RECOMBINANT ALPHAVIRUS-BASED VECTORS
; TITLE OF INVENTION: WITH REDUCED INHIBITION OF CELLULAR MACRO-MOLECULAR
; NUMBER OF SEQUENCES: 125
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Seed Intellectual Property Law Group PLLC
; STREET: 701 Fifth Avenue, Suite 6300
; CITY: Seattle
; STATE: Washington
; COUNTRY: USA
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/415,868
; FILING DATE: 08-Oct-1999
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: McMasters, David D.
; REGISTRATION NUMBER: 33,963
; REFERENCE/DOCKET NUMBER: 930049.457C4
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-415-868-6

Query Match 3.6%; Score 10.4; DB 1; Length 15;
Best Local Similarity 91.7%; Pred. No. 3.6e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 868 TGGACACTTTC 879
|||||
Db 4 TGGATCACTTTC 15

RESULT 680
US-09-415-900-6
; Sequence 6, Application US/09415900
; Patent No. 645634
; GENERAL INFORMATION:
; APPLICANT: Dubensky Jr., Thomas W.
; APPLICANT: Polo, John M.
; APPLICANT: Belli, Barbara A.
; APPLICANT: Schlesinger, Sondra
; APPLICANT: Dryga, Sergey A.
; APPLICANT: Frolov, Ilya
; TITLE OF INVENTION: RECOMBINANT ALPHAVIRUS-BASED VECTORS
; TITLE OF INVENTION: WITH REDUCED INHIBITION OF CELLULAR MACRO-MOLECULAR
; NUMBER OF SEQUENCES: 125
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Seed Intellectual Property Law Group PLLC
; STREET: 701 Fifth Avenue, Suite 6300
; CITY: Seattle
; STATE: Washington
; COUNTRY: USA
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/415,868
; FILING DATE: 08-Oct-1999
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: McMasters, David D.
; REGISTRATION NUMBER: 33,963
; REFERENCE/DOCKET NUMBER: 930049.457C4 / 1196.005
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-415-868-6

Query Match 3.6%; Score 10.4; DB 1; Length 15;
Best Local Similarity 91.7%; Pred. No. 3.6e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 868 TGGACACTTTC 879
|||||
Db 4 TGGATCACTTTC 15

RESULT 680
US-09-415-900-6
; Sequence 6, Application US/09415900
; Patent No. 645634
; GENERAL INFORMATION:
; APPLICANT: Dubensky Jr., Thomas W.
; APPLICANT: Polo, John M.
; APPLICANT: Belli, Barbara A.
; APPLICANT: Schlesinger, Sondra
; APPLICANT: Dryga, Sergey A.
; APPLICANT: Frolov, Ilya
; TITLE OF INVENTION: RECOMBINANT ALPHAVIRUS-BASED VECTORS
; TITLE OF INVENTION: WITH REDUCED INHIBITION OF CELLULAR MACRO-MOLECULAR
; NUMBER OF SEQUENCES: 125
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Seed Intellectual Property Law Group PLLC
; STREET: 701 Fifth Avenue, Suite 6300
; CITY: Seattle
; STATE: Washington
; COUNTRY: USA
; ZIP: 98104-7092
; COMPUTER READABLE FORM:

APPLICANT: Dubensky Jr., Thomas W.
APPLICANT: Polo, John M.
APPLICANT: Belli, Barbara A.
APPLICANT: Schlesinger, Sondra
APPLICANT: Dryga, Sergey A.
APPLICANT: Frolov, Ilya
TITLE OF INVENTION: RECOMBINANT ALPHAVIRUS-BASED VECTORS
TITLE OF INVENTION: WITH REDUCED INHIBITION OF CELLULAR MACRO-MOLECULAR
NUMBER OF SEQUENCES: 125
CORRESPONDENCE ADDRESS:
ADDRESSEE: Seed Intellectual Property Law Group PLLC
STREET: 701 Fifth Avenue, Suite 6300
CITY: Seattle
STATE: Washington
COUNTRY: USA
ZIP: 98104-7092
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/415,900
FILING DATE: 08-Oct-1999
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: McMasters, David D.
REGISTRATION NUMBER: 33,963
REFERENCE/DOCKET NUMBER: 930049.457D4
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-415-900-6

Query Match 3.6%; Score 10.4; DB 1; Length 15;
Best Local Similarity 91.7%; Pred. No. 3.6e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 868 TGGACACTTTC 879
|||||
Db 4 TGGATCACTTTC 15

RESULT 681
US-09-507-362-6
; Sequence 6, Application US/09507362
; Patent No. 6592874
; GENERAL INFORMATION:
; APPLICANT: Dubensky Jr., Thomas W.
; APPLICANT: Polo, John M.
; APPLICANT: Belli, Barbara A.
; APPLICANT: Schlesinger, Sondra
; APPLICANT: Dryga, Sergey A.
; APPLICANT: Frolov, Ilya
; TITLE OF INVENTION: RECOMBINANT ALPHAVIRUS-BASED VECTORS
; TITLE OF INVENTION: WITH REDUCED INHIBITION OF CELLULAR MACRO-MOLECULAR
; NUMBER OF SEQUENCES: 125
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Seed Intellectual Property Law Group PLLC
; STREET: 701 Fifth Avenue, Suite 6300
; CITY: Seattle
; STATE: Washington
; COUNTRY: USA
; ZIP: 98104-7092
; COMPUTER READABLE FORM:

US-08-119-773-12

Query Match 3.6%; Score 10.4; DB 1; Length 16;
Best Local Similarity 91.7%; Pred. No. 4e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 829 GTCTCTTTCTT 840
Db 1 GCCTCTTTCTT 12

RESULT 683

US-08-588-821-84
; Sequence 84, Application US/08588821
; Patent No. 5712097
; GENERAL INFORMATION:
; APPLICANT: Kern, Scott E.
; APPLICANT: Hahn, Stephan A.
; TITLE OF INVENTION: NOVEL TUMOR SUPPRESSOR GENE, DPC4
; NUMBER OF SEQUENCES: 91
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson P.C.
; STREET: 4225 Executive Square, Suite 1400
; CITY: La Jolla
; STATE: CA
; COUNTRY: USA
; ZIP: 92037

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/588,821
FILING DATE: 19-JAN-1996
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Haile, Lisa A.
REGISTRATION NUMBER: 38,347
REFERENCE/DOCKET NUMBER: 07265/079001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619/678-5070
TELEFAX: 619/678-5099
INFORMATION FOR SEQ ID NO: 84:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA

US-08-588-821-84

Query Match 3.6%; Score 10.4; DB 1; Length 16;
Best Local Similarity 91.7%; Pred. No. 4e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 713 CCCAGCAGAGTG 724
Db 5 CCCAGCAGAGTG 16

RESULT 684

US-08-533-912-44/c
; Sequence 44, Application US/08533912
; Patent No. 5744308
; GENERAL INFORMATION:
; APPLICANT: GUILLOU-BONNICI, Francoise
; APPLICANT: CLEUZAT, Philippe
; APPLICANT: MALLET, Francois
; APPLICANT: LEVASSEUR, Pierre
; APPLICANT: MCALLISTER, William
; TITLE OF INVENTION: CHIMERA OLIGONUCLEOTIDE AND ITS
; UTILIZATION FOR OBTAINING TRANSCRIPTS OF A NUCLEIC ACID

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/507,362
FILING DATE: 18-Feb-2000
CLASSIFICATION: <unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Mcmasters, David D.
REGISTRATION NUMBER: 33,963
REFERENCE/DOCKET NUMBER: 930049.457D6 /1196.011
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 6:

US-09-507-362-6

Query Match 3.6%; Score 10.4; DB 1; Length 15;
Best Local Similarity 91.7%; Pred. No. 3.6e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 868 TGGACACTTTC 879
Db 4 TGGACACTTTC 15

RESULT 682

US-08-119-773-12

Sequence 12, Application US/08119773
; Patent No. 5460942
; GENERAL INFORMATION:
; APPLICANT: Chou, Janice Y.
; APPLICANT: Lei, Ke-Jian
; APPLICANT: Shelly, Leslie L.
; TITLE OF INVENTION: GLUCOSE-6-PHOSPHATASE, THE GENE AND
; TITLE OF INVENTION: PROTEIN AND RELATED MUTATIONS
; NUMBER OF SEQUENCES: 36
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend Kourie and Crew
; STREET: Steuart Street Tower, One Market Plaza
; CITY: San Francisco
; STATE: California
; COUNTRY: US
; ZIP: 94105-1493

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/119,773
FILING DATE: 10-SEP-1993
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Weber, Kenneth A.
REGISTRATION NUMBER: 31,677
REFERENCE/DOCKET NUMBER: 15280-175
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 543-9600
TELEFAX: (415) 543-5043
INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

NUMBER OF SEQUENCES: 45
CORRESPONDENCE ADDRESS:
ADDRESSEE: Oliff & Berridge
STREET: 700 South Washington Street, Suite 300
CITY: Alexandria
STATE: Virginia
COUNTRY: USA
ZIP: 22314
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/533,912
FILING DATE: 26-SEP-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: FR 94011455
FILING DATE: 26-SEP-1994
ATTORNEY/AGENT INFORMATION:
NAME: Berridge, William P.
REGISTRATION NUMBER: 30,024
REFERENCE/DOCKET NUMBER: WPB 36613
TELECOMMUNICATION INFORMATION:
TELEPHONE: 703-836-6400
TELEFAX: 703-836-2787
INFORMATION FOR SEQ ID NO: 44:
LENGTH: 16 bases
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "RNA"
US-08-533-912-44

Query Match 3.6%; Score 10.4; DB 1; Length 16;
Best Local Similarity 91.7%; Pred. No. 4e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 899 ACTTACTTCTCA 900
DB 13 ACTTACTTCTGA 2

RESULT 685
US-08-915-214-84
Sequence 84, Application US/08915214
Patent No. 581457
GENERAL INFORMATION:
APPLICANT: Kern, Scott E.
APPLICANT: Hahn, Stephan A.
TITLE OF INVENTION: NOVEL TUMOR SUPPRESSOR GENE, DPC4
NUMBER OF SEQUENCES: 91
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
STREET: 4225 Executive Square, Suite 1400
CITY: La Jolla
STATE: CA
COUNTRY: USA
ZIP: 92037
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/915,214
FILING DATE: 20-AUG-1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/588,821

FILING DATE: 19-JAN-1996
ATTORNEY/AGENT INFORMATION:
NAME: Haile, Lisa A.
REGISTRATION NUMBER: 38,347
REFERENCE/DOCKET NUMBER: 07265/079001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619/678-5070
TELEFAX: 619/678-5099
INFORMATION FOR SEQ ID NO: 84:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-915-214-84
Query Match 3.6%; Score 10.4; DB 1; Length 16;
Best Local Similarity 91.7%; Pred. No. 4e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 713 CCCAGCAGAGTG 724
DB 5 CCCAGCAGAGTG 16
RESULT 686
US-08-292-620A-1594/c
Sequence 1594, Application US/08292620A
Patent No. 5817542
GENERAL INFORMATION:
APPLICANT: Susan Grimm
APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwiggen
APPLICANT: Sean Sullivan
APPLICANT: Kenneth G. Draper
TITLE OF INVENTION: RIBOZYME TREATMENT OF
TITLE OF INVENTION: DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: INTRACELLULAR ADHESION
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
NUMBER OF SEQUENCES: 2390
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/292,620A
FILING DATE: August 17, 1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600

Sequence 48, Application US/08770235A
Patent No. 5939538
GENERAL INFORMATION:
APPLICANT: Leavitt, Markley C.
APPLICANT: Tritz, Richard
APPLICANT: Feng, Yu
APPLICANT: Barber, Jack
APPLICANT: Yu, Mang
TITLE OF INVENTION: Methods and Compositions for Inhibiting
NUMBER OF SEQUENCES: 77
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/770,235A
FILING DATE: 19-DEC-1996
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/027,875
FILING DATE: 25-OCT-1996
ATTORNEY/AGENT INFORMATION:
NAME: QUINE, Jonathan A.
REGISTRATION NUMBER: P-41,261
REFERENCE/DOCKET NUMBER: 016556-001610US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 48:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: RNA
US-08-770-235A-48
Query Match 3.6%; Score 10.4; DB 1; Length 16;
Best Local Similarity 91.7%; Pred. No. 4e+02; Mismatches 0; Gaps 0;
Matches 11; Conservative 0; Indels 1; Indels 0; Gaps 0;
QY 819 GGTGGCTGTGT 830
Db 12 GGTGGCTGTGT 1
RESULT 689
US-09-005-532-84
Sequence 84, Application US/09005532
Patent No. 5955292
GENERAL INFORMATION:
APPLICANT: Kern, Scott B.
APPLICANT: Hahn, Stephan A.
TITLE OF INVENTION: NOVEL TUMOR SUPPRESSOR GENE, DPC4
NUMBER OF SEQUENCES: 91
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
STREET: 4225 Executive Square, Suite 1400
CITY: La Jolla
STATE: CA
COUNTRY: USA
ZIP: 92037
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk

TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1594:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-292-620A-1594
Query Match 3.6%; Score 10.4; DB 1; Length 16;
Best Local Similarity 91.7%; Pred. No. 4e+02; Mismatches 0; Gaps 0;
Matches 11; Conservative 0; Indels 1; Indels 0; Gaps 0;
QY 844 TGAAGACAGCGT 855
Db 12 TGAAGTACAGCGT 1
RESULT 687
US-08-379-482A-6
Sequence 6, Application US/08379482A
Patent No. 5859334
GENERAL INFORMATION:
APPLICANT: Brugliera, Filippa
APPLICANT: Holton, Timothy A.
TITLE OF INVENTION: GENETIC SEQUENCES ENCODING
TITLE OF INVENTION: GLYCOSYLTRANSFERASE ENZYMES AND USES THEREFOR
NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS:
ADDRESSEE: Scully, Scott, Murphy & Presser
STREET: 400 Garden City Plaza
CITY: Garden City
STATE: New York
COUNTRY: USA
ZIP: 11530
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/379,482A
FILING DATE: 30-JUL-1993
CLASSIFICATION: 800
ATTORNEY/AGENT INFORMATION:
NAME: DiGiglio, Frank S.
REGISTRATION NUMBER: 31,346
REFERENCE/DOCKET NUMBER: 9590
TELECOMMUNICATION INFORMATION:
TELEPHONE: (516) 742-4343
TELEFAX: (516) 742-4366
TELEX: 230 901 SANS UR
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-379-482A-6
Query Match 3.6%; Score 10.4; DB 1; Length 16;
Best Local Similarity 91.7%; Pred. No. 4e+02; Mismatches 1; Indels 0; Gaps 0;
Matches 11; Conservative 0; Indels 1; Indels 0; Gaps 0;
QY 804 TCTCTCCCAACT 815
Db 4 TCTCTCCCAAGT 15
RESULT 688
US-08-770-235A-48/c

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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/005,532
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/588,821
FILING DATE: 19-JAN-1996
ATTORNEY/AGENT INFORMATION:
NAME: Haile, Lisa A.
REGISTRATION NUMBER: 38,347
REFERENCE/DOCKET NUMBER: 07265/079001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619/678-5070
TELEFAX: 619/678-5099
INFORMATION FOR SEQ ID NO: 84:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-09-005-532-84

Query Match 3.6%; Score 10.4; DB 1; Length 16;
Best Local Similarity 91.7%; Pred. No. 4e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Db 5 CCCAGCAGAGTG 16
713 CCCAGCAGAGTG 724
|||||
5 CCCAGCAGAGTG 16

RESULT 690
US-08-757-024-438/c
Sequence 438, Application US/08757024
Patent No. 6025339
GENERAL INFORMATION:
APPLICANT: NYCE, Jonathan W.
TITLE OF INVENTION: METHOD OF TREATMENT FOR ASTHMA
NUMBER OF SEQUENCES: 952
CORRESPONDENCE ADDRESS:
ADDRESSEE: BELL, SELTZER, PARK & GIBSON
STREET: P.O. Drawer 34009
CITY: Charlotte
STATE: No. 6025339th Carolina
COUNTRY: USA
ZIP: 28234
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/757,024
FILING DATE: 26-NOV-1996
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Sibley, Kenneth D.
REGISTRATION NUMBER: 31,665
REFERENCE/DOCKET NUMBER: 5218-41
TELECOMMUNICATION INFORMATION:
TELEPHONE: 919-881-3140
TELEFAX: 919-881-3175
TELEX: 575102
INFORMATION FOR SEQ ID NO: 438:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-757-024-468

Query Match 3.6%; Score 10.4; DB 1; Length 16;
Best Local Similarity 91.7%; Pred. No. 4e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Db 14 CCTCCATCTCAG 3
807 CCTCCAACTCAG 818
|||||
14 CCTCCATCTCAG 3

RESULT 692
US-08-757-024-497/c
Sequence 497, Application US/08757024
Patent No. 6025339
GENERAL INFORMATION:
APPLICANT: NYCE, Jonathan W.
TITLE OF INVENTION: METHOD OF TREATMENT FOR ASTHMA
NUMBER OF SEQUENCES: 952
CORRESPONDENCE ADDRESS:
ADDRESSEE: BELL, SELTZER, PARK & GIBSON
STREET: P.O. Drawer 34009
```

CITY: Charlotte
STATE: No. 6025339th Carolina
COUNTRY: USA
ZIP: 28234
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/757,024
FILING DATE: 26-NOV-1996
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Sibley, Kenneth D.
REGISTRATION NUMBER: 31,665
REFERENCE/DOCKET NUMBER: 5218-41
TELEPHONE: 919-881-3140
TELEFAX: 919-881-3175
TELEX: 575102
INFORMATION FOR SEQ ID NO: 497:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-757-024-497

Query Match 3.6%; Score 10.4; DB 1; Length 16;
Best Local Similarity 91.7%; Pred. No. 4e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 807 CCTCCAACTCAG 818
Db 13 CCTCCATCTCAG 2

RESULT 693
US-08-757-024-525/c
Sequence 525, Application US/08757024
Patent No. 6025339
GENERAL INFORMATION:
APPLICANT: Nyce, Jonathan W.
TITLE OF INVENTION: METHOD OF TREATMENT FOR ASTHMA
NUMBER OF SEQUENCES: 952
CORRESPONDENCE ADDRESS:
ADDRESSEE: BELL, SELTZER, PARK & GIBSON
STREET: P.O. Drawer 34009
CITY: Charlotte
STATE: No. 6025339th Carolina
COUNTRY: USA
ZIP: 28234
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/757,024
FILING DATE: 26-NOV-1996
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Sibley, Kenneth D.
REGISTRATION NUMBER: 31,665
REFERENCE/DOCKET NUMBER: 5218-41
TELEPHONE: 919-881-3140
TELEFAX: 919-881-3175
TELEX: 575102
INFORMATION FOR SEQ ID NO: 525:
SEQUENCE CHARACTERISTICS:

LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-757-024-525

Query Match 3.6%; Score 10.4; DB 1; Length 16;
Best Local Similarity 91.7%; Pred. No. 4e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 807 CCTCCAACTCAG 818
Db 12 CCTCCATCTCAG 1

RESULT 694
US-08-911-894-13
Sequence 13, Application US/08911894
Patent No. 6030830
GENERAL INFORMATION:
APPLICANT: Saxon, Andrew
APPLICANT: Zhang, Ke
APPLICANT: Fujieda, Shigeharu
TITLE OF INVENTION: IMMUNOGLOBULIN TRANS-SPICED TRANSCRIPTS
TITLE OF INVENTION: AND USES THEREOF
NUMBER OF SEQUENCES: 90
CORRESPONDENCE ADDRESS:
ADDRESSEE: Akin, Gump, Strauss, Hauer & Feld
STREET: 816 Congress Avenue, Suite 1900
CITY: Austin
STATE: Texas
COUNTRY: USA
ZIP: 78701
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/911,894
FILING DATE: Concurrently Herewith
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/023,579
FILING DATE: 19-AUG-1996
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: Mayfield, Denise L.
REGISTRATION NUMBER: 33,732
REFERENCE/DOCKET NUMBER: 43496.0006
TELECOMMUNICATION INFORMATION:
TELEPHONE: (512) 499-6200
TELEFAX: (512) 499-6290
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-911-894-13

Query Match 3.6%; Score 10.4; DB 1; Length 16;
Best Local Similarity 91.7%; Pred. No. 4e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 761 CTAGGCTCCAC 772
Db 4 CGAGGCTCCAC 15

RESULT 695
US-08-911-894-14/c

Sequence 14, Application US/08911894
Patent No. 6030830
GENERAL INFORMATION:
APPLICANT: Saxon, Andrew
APPLICANT: Zhang, Ke
APPLICANT: Fujieda, Shigeharu
TITLE OF INVENTION: IMMUNOGLOBULIN TRANS-SPICED TRANSCRIPTS
TITLE OF INVENTION: AND USES THEREOF
NUMBER OF SEQUENCES: 90
CORRESPONDENCE ADDRESS:
ADDRESSEE: Akin, Gump, Strauss, Hauer & Feld
STREET: 816 Congress Avenue, Suite 1900
CITY: Austin
STATE: Texas
COUNTRY: USA
ZIP: 78701
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/911,894
FILING DATE: Concurrently Herewith
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/023,579
FILING DATE: 19-AUG-1996
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: Mayfield, Denise L.
REGISTRATION NUMBER: 33,732
REFERENCE/DOCKET NUMBER: 43496.0006
TELECOMMUNICATION INFORMATION:
TELEPHONE: (512) 499-6200
TELEFAX: (512) 499-6290
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-911-894-14

Query Match 3.6%; Score 10.4; DB 1; Length 16;
Best Local Similarity 91.7%; Pred. No. 4e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 761 CTAGGCTCCAC 772
Db 13 CGAGGCTCCAC 2

RESULT 696
US-08-454-098-18
Sequence 18, Application US/08454098
Patent No. 6103521
GENERAL INFORMATION:
APPLICANT: CAPON, DANIEL J
APPLICANT: SMITH, DOUGLAS H
APPLICANT: TIAN, HUAN
APPLICANT: WINSLOW, GENINE A
APPLICANT: SIEKEVITZ, MIRIAM
TITLE OF INVENTION: MULTISPECIFIC CHIMERIC RECEPTORS
NUMBER OF SEQUENCES: 26
CORRESPONDENCE ADDRESS:
ADDRESSEE: CELL GENESYS, INC.
STREET: 322 LAKESIDE DRIVE
CITY: FOSTER CITY
STATE: CALIFORNIA
COUNTRY: US
ZIP: 94404
COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/454,098
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/384,033
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: KRUPEN, KAREN I
REGISTRATION NUMBER: 34,647
REFERENCE/DOCKET NUMBER: CELL 18
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 358-9600 x131
TELEFAX: (415) 349-7392
INFORMATION FOR SEQ ID NO: 18:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-454-098-18

Query Match 3.6%; Score 10.4; DB 1; Length 16;
Best Local Similarity 91.7%; Pred. No. 4e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 857 CTGGCTCCAGTT 868
Db 2 CTGGCTGCAGTT 13

RESULT 697
US-09-071-845-1594/c
Sequence 1594, Application US/09071845
Patent No. 6132967
GENERAL INFORMATION:
APPLICANT: Susan Grimm
APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwiggen
APPLICANT: Sean Sullivan
APPLICANT: Kenneth G. Draper
TITLE OF INVENTION: RIBOZYME TREATMENT OF
TITLE OF INVENTION: DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: INTRACELLULAR ADHESION
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
NUMBER OF SEQUENCES: 2390
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/071,845
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/292,620
FILING DATE: August 17, 1994
COMPUTER READABLE FORM:

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; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/149
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1594:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-071-845-1594

Query Match 3.6%; Score 10.4; DB 1; Length 16;
Best Local Similarity 91.7%; Pred. No. 4e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 844 TGAAGTCAGCGT 855
DB 12 TGAAGTCAGCGT 1

RESULT 698
US-09-322-409-134
; Sequence 134, Application US/09322409
; Patent No. 6471957
; GENERAL INFORMATION:
; APPLICANT: Sim, Gek-Kee
; APPLICANT: Yang, Shumin
; APPLICANT: Dreitz, Matthew J.
; APPLICANT: Wonderling, Ramani S.
; TITLE OF INVENTION: CANINE AND FELINE IMMUNOREGULATORY PROTEINS, NUCLEIC
; TITLE OF INVENTION: ACID MOLECULES, AND USES THEREOF
; FILE REFERENCE: IM-2-C1
; CURRENT APPLICATION NUMBER: US/09/322,409
; EARLIER FILING DATE: 1999-05-28
; EARLIER FILING DATE: 1998-05-29
; NUMBER OF SEQ ID NOS: 154
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 134
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-322-409-134

Query Match 3.6%; Score 10.4; DB 1; Length 16;
Best Local Similarity 91.7%; Pred. No. 4e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 885 ATGCACCTTACTT 896
DB 1 ATGCACCTTACTT 12

RESULT 699
US-08-479-660-8/c
; Sequence 8, Application US/08479660
; Patent No. 6475806
; GENERAL INFORMATION:
; APPLICANT: Benjamin, Howard
; APPLICANT: Signer, Ethan
; APPLICANT: Geifler, Malcolm

; TITLE OF INVENTION: ANCHOR LIBRARIES AND IDENTIFICATION
; TITLE OF INVENTION: OF PEPTIDE BINDING SEQUENCES
; NUMBER OF SEQUENCES: 18
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Wolf, Greenfield & Sacks, P.C.
; STREET: 600 Atlantic Avenue
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02210
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/479,660
; FILING DATE:
; CLASSIFICATION: 530
; ATTORNEY/AGENT INFORMATION:
; NAME: Greer, Helen
; REGISTRATION NUMBER: 36,816
; REFERENCE/DOCKET NUMBER: P0567/7000
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 720-3500
; TELEFAX: (617) 720-2441
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-479-660-8

Query Match 3.6%; Score 10.4; DB 1; Length 16;
Best Local Similarity 78.6%; Pred. No. 4e+02;
Matches 11; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 920 CATCACACACCC 933
DB 16 CAGCAGCACCACCM 3

RESULT 700
US-09-451-527-134
; Sequence 134, Application US/09451527
; Patent No. 6482403
; GENERAL INFORMATION:
; APPLICANT: Sim, Gek-Kee
; APPLICANT: Yang, Shumin
; APPLICANT: Dreitz, Matthew J.
; APPLICANT: Wonderling, Ramani S.
; TITLE OF INVENTION: CANINE AND FELINE IMMUNOREGULATORY PROTEINS, NUCLEIC
; TITLE OF INVENTION: ACID MOLECULES, AND USES THEREOF
; FILE REFERENCE: IM-2-C2
; CURRENT APPLICATION NUMBER: US/09/451,527
; CURRENT FILING DATE: 1999-12-01
; EARLIER FILING DATE: 1999-05-28
; EARLIER FILING DATE: 1998-05-29
; NUMBER OF SEQ ID NOS: 174
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 134
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-451-527-134

Query Match 3.6%; Score 10.4; DB 1; Length 16;

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Best Local Similarity 91.7%; Pred. No. 4e+02; DB 1; Indels 0; Gaps 0;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 885 ATGCATTACTT 896
|||||
Db 1 ATGCATTACTT 12

RESULT 701
US-09-303-040-51
; Sequence 51, Application US/09303040
; Patent No. 6555671
; GENERAL INFORMATION:
; APPLICANT: Winslow, Barbara J.
; APPLICANT: Cochran, Mark D.
; TITLE OF INVENTION: Recombinant Virus Expressing Foreign DNA Encoding
; TITLE OF INVENTION: Feline CD80, Feline CD86, Feline CD28, Feline C1A-4 or
; TITLE OF INVENTION: Feline Interferon-gamma And Uses Thereof
; FILE REFERENCE: 54957-B
; CURRENT APPLICATION NUMBER: US/09/303,040
; CURRENT FILING DATE: 1999-04-30
; EARLIER APPLICATION NUMBER: 60/083,870
; PRIOR FILING DATE: 1998-05-01
; NUMBER OF SEQ ID NOS: 82
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 51
; LENGTH: 16
; TYPE: DNA
; ORGANISM: feline CD80 primer
US-09-303-040-51

Query Match 3.6%; Score 10.4; DB 1; Length 16;
Best Local Similarity 91.7%; Pred. No. 4e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 823 GCCTGTGCTCT 834
|||||
Db 3 GCCTGTGCTCT 14

RESULT 702
US-09-371-772B-6971/C
; Sequence 6971, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6971
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-6971

Query Match 3.6%; Score 10.4; DB 1; Length 16;
Best Local Similarity 91.7%; Pred. No. 4e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 922 TCACCTCCACCC 933
|||||

Db 12 TCACCTCCACCC 1

RESULT 703
US-09-371-772B-6987
; Sequence 6987, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6987
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-6987

Query Match 3.6%; Score 10.4; DB 1; Length 16;
Best Local Similarity 50.0%; Pred. No. 4e+02; DB 1; Indels 0; Gaps 0;
Matches 6; Conservative 5; Mismatches 1; Indels 0; Gaps 0;

QY 837 TCTTCTCTGAAG 848
|||||
Db 3 UCUCUGUGAAG 14

RESULT 704
US-09-371-772B-7087
; Sequence 7087, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 7087
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-7087

Query Match 3.6%; Score 10.4; DB 1; Length 16;
Best Local Similarity 66.7%; Pred. No. 4e+02; DB 1; Indels 0; Gaps 0;
Matches 8; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 873 CACTTCTCTGAG 884
|||||
Db 2 CACTTCTCTGAG 13

RESULT 705
US-08-979-847B-187/c
; Sequence 187, Application US/08979847B
; Patent No. 6582703
; GENERAL INFORMATION:
; APPLICANT: PERRON, HERVE
; BESEME, FREDERIC
; BEDIN, FREDERIC
; PARANHOS-BACCALA, GLAUCIA
; KOMURIAN-PRADEL, FLORENCE
; JOLIVET-REYNAUD, COLETTE
; MANDRAND, BERNARD
; GARSON, JEREMY
; TUKE, PHILIP
; TITLE OF INVENTION: VITAL MATERIAL AND NUCLEOTIDE FRAGMENTS
; ASSOCIATED WITH MULTIPLE SCLEROSIS, FOR DIAGNOSTIC, PROPHYL
; THERAPEUTIC PURPOSES
; NUMBER OF SEQUENCES: 210
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: OLIFF & BERRIDGE, PLC
; STREET: P.O. BOX 19928
; CITY: ALEXANDRIA
; STATE: VA
; COUNTRY: USA
; ZIP: 22320
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/979,847B
; FILING DATE: 26-No. 6582703-1997
; CLASSIFICATION: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: BERRIDGE, WILLIAM P.
; REGISTRATION NUMBER: 30,024
; REFERENCE/DOCKET NUMBER: WPB 35046A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-836-6400
; TELEFAX: 703-836-2787
; INFORMATION FOR SEQ ID NO: 187:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; SEQUENCE DESCRIPTION: SEQ ID NO: 187:
US-08-979-847B-187

Query Match 3.6%; Score 10.4; DB 1; Length 16;
Best Local Similarity 91.7%; Pred. No. 4e+02; Indels 0; Gaps 0;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 869 GGAACTTTCC 880
Db 13 GTACACTTTC 2

RESULT 706
US-08-979-005A-259/c
; Sequence 259, Application US/09479005A
; Patent No. 6656731
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Nucleic Acid Catalysts with Endonuclease Activity
; FILE REFERENCE: MH800-884-C
; CURRENT APPLICATION NUMBER: US/09/479,005A
; CURRENT FILING DATE: 2000-01-07
; PRIOR APPLICATION NUMBER: US 09/444,209

; PRIOR FILING DATE: 1999-11-19
; PRIOR APPLICATION NUMBER: US 09/159,274
; PRIOR FILING DATE: 1998-09-22
; PRIOR APPLICATION NUMBER: US 60/059,473
; PRIOR FILING DATE: 1997-09-22
; NUMBER OF SEQ ID NOS: 1208
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 259
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Homo sapiens
US-08-979-005A-259

Query Match 3.6%; Score 10.4; DB 1; Length 16;
Best Local Similarity 91.7%; Pred. No. 4e+02; Indels 0; Gaps 0;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 792 GGTGCAAGAGC 803
Db 16 GGTGCAAGAGC 5

RESULT 707
US-08-979-005A-334
; Sequence 334, Application US/09479005A
; Patent No. 6656731
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Nucleic Acid Catalysts with Endonuclease Activity
; FILE REFERENCE: MH800-884-C
; CURRENT APPLICATION NUMBER: US/09/479,005A
; CURRENT FILING DATE: 2000-01-07
; PRIOR APPLICATION NUMBER: US 09/444,209
; PRIOR FILING DATE: 1999-11-19
; PRIOR APPLICATION NUMBER: US 09/159,274
; PRIOR FILING DATE: 1998-09-22
; PRIOR APPLICATION NUMBER: US 60/059,473
; NUMBER OF SEQ ID NOS: 1208
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 334
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Homo sapiens
US-08-979-005A-334

Query Match 3.6%; Score 10.4; DB 1; Length 16;
Best Local Similarity 58.3%; Pred. No. 4e+02; Indels 0; Gaps 0;
Matches 7; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 867 TTGGAACACTTT 878
Db 1 UUGGAACACUGU 12

RESULT 708
PCT-US96-01600-18
; Sequence 18, Application PC/TUS9601600
; GENERAL INFORMATION:
; APPLICANT: Capon, Daniel J.
; APPLICANT: Smith, Douglas H.
; APPLICANT: Tian, Huan
; APPLICANT: Winslow, Genine A.
; APPLICANT: Siskewitz, Miriam
; TITLE OF INVENTION: Multispecific Chimeric Receptors
; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: USA
; ZIP: 10036-2711

;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Kolisch Hartwell Dickinson McCormack & Heuser
;; STREET: 520 S.W. Yamhill, Suite 200
;; CITY: Portland
;; STATE: Oregon
;; COUNTRY: U.S.A.
;; ZIP: 97204
;;
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Floppy disk
;; COMPUTER: IBM PC compatible
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: Patent In Release #1.0, Version #1.25
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/382,521
;; FILING DATE:
;; CLASSIFICATION: 514
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US/08/124,354
;; FILING DATE:
;; APPLICATION NUMBER: US 07/818,898
;; FILING DATE: 10-JAN-1992
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Dickinson, Jon M.
;; REGISTRATION NUMBER: 22820
;; REFERENCE/DOCKET NUMBER: gsm 305
;; TELEPHONE: (503) 224-6655
;; TELEFAX: (503) 295- 6679
;; INFORMATION FOR SEQ ID NO: 3:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 15 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; MOLECULE TYPE: cDNA
;; HYPOTHETICAL: NO
;; ANTI-SENSE: YES
;; US-08-382-521-3

Query Match 3.5%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 3.9e+02;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 747 GGGTCCCGAGGTCCC 761
||| ||| ||| ||| |||
Db 1 GGCTCCCATGGTCCC 15

RESULT 712
US-08-479-248-5/c
; Sequence 5, Application US/08479248
; Patent No. 5594121
;; GENERAL INFORMATION:
;; APPLICANT: FROEHLER, BRIAN
;; APPLICANT: MATTEUCCI, MARK
;; TITLE OF INVENTION: ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX
;; FORMATION WITH OLIGOMERS CONTAINING MODIFIED PURINES
;; NUMBER OF SEQUENCES: 12
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: GILEAD SCIENCES INC.
;; STREET: 353 Lakeside Drive
;; CITY: Foster City
;; STATE: CA
;; COUNTRY: USA
;; ZIP: 94404
;;
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Floppy disk
;; COMPUTER: IBM PC compatible
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: Patent In Release #1.0, Version #1.30
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/479,248
;; FILING DATE: 07-JUN-1995

;; CLASSIFICATION: 435
;; ATTORNEY/AGENT INFORMATION:
;; NAME: MUENCHAU, DARYL
;; REGISTRATION NUMBER: 36,616
;; REFERENCE/DOCKET NUMBER: 160.1C
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (415) 574-3000
;; TELEFAX: (415) 573-4899
;; INFORMATION FOR SEQ ID NO: 5:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 15 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; FEATURE:
;; NAME/KEY: misc_feature
;; LOCATION: (1^2)
;; OTHER INFORMATION: /note= "This position is
;; 2'-deoxy-7-deazaxanthosine residue."
;; FEATURE:
;; NAME/KEY: misc_feature
;; LOCATION: (2^3)
;; OTHER INFORMATION: /note= "This position is
;; 2'-deoxy-7-deazaxanthosine residue."
;; FEATURE:
;; NAME/KEY: misc_feature
;; LOCATION: (4^5)
;; OTHER INFORMATION: /note= "This position is
;; 2'-deoxy-7-deazaxanthosine residue."
;; FEATURE:
;; NAME/KEY: misc_feature
;; LOCATION: (5^6)
;; OTHER INFORMATION: /note= "This position is
;; 2'-deoxy-7-deazaxanthosine residue."
;; FEATURE:
;; NAME/KEY: misc_feature
;; LOCATION: (7^8)
;; OTHER INFORMATION: /note= "This position is
;; 2'-deoxy-7-deazaxanthosine residue."
;; FEATURE:
;; NAME/KEY: misc_feature
;; LOCATION: (8^9)
;; OTHER INFORMATION: /note= "This position is
;; 2'-deoxy-7-deazaxanthosine residue."
;; FEATURE:
;; NAME/KEY: misc_feature
;; LOCATION: (11^12)
;; OTHER INFORMATION: /note= "This position is
;; 2'-deoxy-7-deazaxanthosine residue."
;; FEATURE:
;; NAME/KEY: misc_feature
;; LOCATION: (13^14)
;; OTHER INFORMATION: /note= "This position is
;; 2'-deoxy-7-deazaxanthosine residue."
;; FEATURE:
;; NAME/KEY: misc_feature
;; LOCATION: (14^15)
;; OTHER INFORMATION: /note= "This position is
;; 2'-deoxy-7-deazaxanthosine residue."
;; US-08-479-248-5

Query Match 3.5%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 3.9e+02;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 918 ATCATCACCACCACC 932
||| ||| ||| ||| |||
Db 15 ACCACACACCACCACC 1

RESULT 713
US-08-182-968A-33/c
; Sequence 33, Application US/08182968A

Patent No. 5610054
GENERAL INFORMATION:
APPLICANT: Draper, Kenneth G.
TITLE OF INVENTION: METHOD AND REAGENT FOR
INHIBITING HEPATITIS C
TITLE OF INVENTION: INHIBITING HEPATITIS C
TITLE OF INVENTION: VIRUS REPLICATION
NUMBER OF SEQUENCES: 497
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/182,968A
FILING DATE: 13-JANUARY-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/882,888
FILING DATE: 14-MAY-1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 205/277
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 33:
Best Local Similarity 80.0%; Pred. No. 3.9e+02;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
SEQUENCE CHARACTERISTICS:
LENGTH: 15
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-182-968A-33

Query Match 3.5%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 3.9e+02;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 751 CCAGGGTCCCTAGG 765
Db 15 CCAGGGTACCAGG 1

RESULT 714
US-08-182-968A-34/c
Sequence 34, Application US/08182968A
Patent No. 5610054
GENERAL INFORMATION:
APPLICANT: Draper, Kenneth G.
TITLE OF INVENTION: METHOD AND REAGENT FOR
INHIBITING HEPATITIS C
TITLE OF INVENTION: VIRUS REPLICATION
NUMBER OF SEQUENCES: 497
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage

COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/182,968A
FILING DATE: 13-JANUARY-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/882,888
FILING DATE: 14-MAY-1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 205/277
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 34:
SEQUENCE CHARACTERISTICS:
LENGTH: 15
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-182-968A-34
Query Match 3.5%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 3.9e+02;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
SEQUENCE CHARACTERISTICS:
LENGTH: 15
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-182-968A-34
QY 746 AGGGTCCCGGTCC 760
Db 15 AGGGGCCAGGTAC 1
RESULT 715
US-08-182-968A-313
Sequence 313, Application US/08182968A
Patent No. 5610054
GENERAL INFORMATION:
APPLICANT: Draper, Kenneth G.
TITLE OF INVENTION: METHOD AND REAGENT FOR
INHIBITING HEPATITIS C
TITLE OF INVENTION: VIRUS REPLICATION
NUMBER OF SEQUENCES: 497
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/182,968A
FILING DATE: 13-JANUARY-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/882,888
FILING DATE: 14-MAY-1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 205/277
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 313:

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; SEQUENCE CHARACTERISTICS:
; LENGTH: 15
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-182-968A-313

Query Match 3.5%; Score 10.2; DB 1; Length 15;
Best Local Similarity 60.0%; Pred. No. 3.9e+02;
Matches 9; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

Qy 735 TAGGACTTGGTAGGG 749
Db 1 UAGGCCUUGGAGC 15

RESULT 716
US-08-182-968A-358
; Sequence 358, Application US/08182968A
; Patent No. 5610054
; GENERAL INFORMATION:
; APPLICANT: Draper, Kenneth G.
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; TITLE OF INVENTION: INHIBITING HEPATITIS C
; TITLE OF INVENTION: VIRUS REPLICATION
; NUMBER OF SEQUENCES: 497
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/182,968A
; FILING DATE: 13-JANUARY-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/882,888
; FILING DATE: 14-MAY-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 205/277
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 482:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-182-968A-482

Query Match 3.5%; Score 10.2; DB 1; Length 15;
Best Local Similarity 60.0%; Pred. No. 3.9e+02;
Matches 9; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

Qy 783 AGCCCTCTGGTGCC 797
Db 1 AGCCUGUCUGGACC 15

RESULT 718
US-08-241-372-1
; Sequence 1, Application US/08241372
; Patent No. 5631237
; GENERAL INFORMATION:
; APPLICANT: Dzau, Victor J
; APPLICANT: Kaneda, Ysufumi
; TITLE OF INVENTION: METHOD FOR IN VIVO DELIVERY OF
; TITLE OF INVENTION: THERAPEUTIC AGENTS VIA LIPOSOMES
; NUMBER OF SEQUENCES: 34
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: FLEHR, HOEBACH, TEST, ALBRITTON & HERBERT
; STREET: 4 Embarcadero Center, Suite 3400
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-4187
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
```

```

; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA: US/08/241,372
; APPLICATION NUMBER: US/08/241,372
; FILING DATE: 09-MAY-1994
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Rowland, Bertram I
; REGISTRATION NUMBER: 20,015
; REFERENCE/DOCKET NUMBER: A-59079-1/BIR
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 398-3249
; TELEX: 910 277299
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: CDNA
US-08-241-372-1
;
Query Match 3.5%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 3.9e+02;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 747 GGGTCCCGGGTCCC 761
Db 15 GGCTGCCATGGTCCC 15

RESULT 720
US-08-241-372-12
; Sequence 12, Application US/08241372
; Patent No. 5631237
; GENERAL INFORMATION:
; APPLICANT: Dzau, Victor J
; APPLICANT: Kaneda, Ysufumi
; TITLE OF INVENTION: METHOD FOR IN VIVO DELIVERY OF
; TITLE OF INVENTION: THERAPEUTIC AGENTS VIA LIPOSOMES
; NUMBER OF SEQUENCES: 34
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: FLEHR, HOEBACH, TEST, ALBRITTON & HERBERT
; STREET: 4 Embarcadero Center, Suite 3400
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-4187
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/241,372
; FILING DATE: 09-MAY-1994
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Rowland, Bertram I
; REGISTRATION NUMBER: 20,015
; REFERENCE/DOCKET NUMBER: A-59079-1/BIR
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 781-1989
; TELEX: 910 277299
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: CDNA
US-08-241-372-12
;
Query Match 3.5%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 3.9e+02;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 747 GGGTCCCGGGTCCC 761
Db 15 GGCTGCCATGGTCCC 15

RESULT 721
US-08-241-372-13/c
; Sequence 13, Application US/08241372
; Patent No. 5631237
; GENERAL INFORMATION:
; APPLICANT: Dzau, Victor J
; APPLICANT: Kaneda, Ysufumi
; TITLE OF INVENTION: METHOD FOR IN VIVO DELIVERY OF
; TITLE OF INVENTION: THERAPEUTIC AGENTS VIA LIPOSOMES
; NUMBER OF SEQUENCES: 34

```

; CORRESPONDENCE ADDRESS:
; ADDRESSEE: FLEHR, HOHBACH, TEST, ALBRITTON & HERBERT
; STREET: 4 Embarcadero Center, Suite 3400
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-4187
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/241,372
; FILING DATE: 09-MAY-1994
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Rowland, Bertram I
; REGISTRATION NUMBER: 20,015
; REFERENCE/DOCKET NUMBER: A-59079-1/BIR
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 781-1989
; TELEFAX: (415) 398-3249
; TELEX: 910 277299
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; US-08-241-372-13

Query Match 3.5%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 3.9e+02;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 747 GGGTCCCGAGGTCCC 761
Db 15 GGCTGCCATGGTCCC 1

RESULT 722
US-08-376-329-3/c
; Sequence 3, Application US/08376329
; Patent No. 5641629
; GENERAL INFORMATION:
; APPLICANT: Pitner, James B
; APPLICANT: Malinowski, Douglas P
; APPLICANT: Vonk, Glenn P
; APPLICANT: Gold, Larry
; TITLE OF INVENTION: Spectroscopically Detectable Nucleic
; NUMBER OF SEQUENCES: 4
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Richard J. Roderick, Becton Dickinson and
; ADDRESSEE: Company
; STREET: 1 Becton Drive
; CITY: Franklin Lakes
; STATE: NJ
; COUNTRY: USA
; ZIP: 07417-1880
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/376,329
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Hightet, David W

; REGISTRATION NUMBER: 30,265
; REFERENCE/DOCKET NUMBER: P-3126
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 201 847 5317
; TELEFAX: 201 848 9228
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-376-329-3

Query Match 3.5%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 3.9e+02;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 918 ATCATCACCACCACC 932
Db 15 ACCACAACCACCACC 1

RESULT 723
US-08-276-271-3/c
; Sequence 3, Application US/08276271
; Patent No. 5650275
; GENERAL INFORMATION:
; APPLICANT: Pitner, James B
; APPLICANT: Malinowski, Douglas P
; APPLICANT: Vonk, Glenn P
; APPLICANT: Gold, Larry
; TITLE OF INVENTION: Spectroscopically Detectable Nucleic
; NUMBER OF SEQUENCES: 4
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Richard J. Roderick, Becton Dickinson and
; ADDRESSEE: Company
; STREET: 1 Becton Drive
; CITY: Franklin Lakes
; STATE: NJ
; COUNTRY: USA
; ZIP: 07417-1880
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/276,271
; FILING DATE:
; CLASSIFICATION: 436
; ATTORNEY/AGENT INFORMATION:
; NAME: Hightet, David W
; REGISTRATION NUMBER: 30,265
; REFERENCE/DOCKET NUMBER: P-3126
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 201 847 5317
; TELEFAX: 201 848 9228
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-276-271-3

Query Match 3.5%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 3.9e+02;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 918 ATCATCACCACCACC 932

```

Db      15 ACCACACCAACC 1
RESULT 724
US-08-291-932A-55
; Sequence 55, Application US/08291932A
; Patent No. 5658780
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: NF-KB
; NUMBER OF SEQUENCES: 830
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/291,932A
; FILING DATE: August 15, 1994
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA: including application
; PRIOR APPLICATION DATA: described below:
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/157
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 55:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-291-932A-55
Query Match 3.5%; Score 10.2; DB 1; Length 15;
Best Local Similarity 60.0%; Pred. No. 3.9e+02;
Matches 9; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

Qy      856 CCTGGCTCCAGTGG 870
Db      1 CCAGGCUCUUGUC 15
RESULT 725
US-08-291-932A-108
; Sequence 108, Application US/08291932A
; Patent No. 5658780
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: NF-KB
; NUMBER OF SEQUENCES: 830
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/291,932A
; FILING DATE: August 15, 1994
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA: including application
; PRIOR APPLICATION DATA: described below:
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/157
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 55:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-291-932A-55
Query Match 3.5%; Score 10.2; DB 1; Length 15;
Best Local Similarity 60.0%; Pred. No. 3.9e+02;
Matches 9; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

Qy      856 CCTGGCTCCAGTGG 870
Db      1 CCAGGCUCUUGUC 15
RESULT 726
US-08-334-847-453
; Sequence 453, Application US/08334847
; Patent No. 5693532
; GENERAL INFORMATION:
; APPLICANT: McSwiggen, James
; APPLICANT: Draper, Kenneth
; APPLICANT: Pavco, Pam
; APPLICANT: Woolf, Tod
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; TITLE OF INVENTION: INHIBITING RESPIRATORY
; TITLE OF INVENTION: SYNCYTIAL VIRUS
; NUMBER OF SEQUENCES: 909
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street

```

```

; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/334,847
; FILING DATE: No. 5693532ember 4, 1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/032
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 453:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-334-847-453

Query Match 3.5%; Score 10.2; DB 1; Length 15;
Best Local Similarity 46.7%; Pred. No. 3.9e+02;
Matches 7; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

QY 898 TCAGCTTCTGGGATC 912
||| ||| ||| |||
Db 1 UCACUUCUGUCAUC 15

RESULT 727
US-08-363-240A-22
; Sequence 22, Application US/08363240A
; Patent No. 5705388
; GENERAL INFORMATION:
; APPLICANT: Couture, Larry
; APPLICANT: McSwiggen, James
; APPLICANT: Bisgaier, Charles
; APPLICANT: Pape, Michael
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; TITLE OF INVENTION: PREVENTION, INHIBITION OF
; TITLE OF INVENTION: PROGRESSION AND REGRESSION
; TITLE OF INVENTION: OF VASCULAR DISEASES
; NUMBER OF SEQUENCES: 1243
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/363,240A
; FILING DATE: December 23, 1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 210/096
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 179:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs

; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/334,847
; FILING DATE: No. 5693532ember 4, 1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/032
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 453:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-334-847-453

Query Match 3.5%; Score 10.2; DB 1; Length 15;
Best Local Similarity 73.3%; Pred. No. 3.9e+02;
Matches 11; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 927 ACCACCTCCAGAGA 941
||| ||| ||| ||| |||
Db 1 ACCGCCUUCAGCGA 15

RESULT 728
US-08-363-240A-179
; Sequence 179, Application US/08363240A
; Patent No. 5705388
; GENERAL INFORMATION:
; APPLICANT: Couture, Larry
; APPLICANT: McSwiggen, James
; APPLICANT: Bisgaier, Charles
; APPLICANT: Pape, Michael
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; TITLE OF INVENTION: PREVENTION, INHIBITION OF
; TITLE OF INVENTION: PROGRESSION AND REGRESSION
; TITLE OF INVENTION: OF VASCULAR DISEASES
; NUMBER OF SEQUENCES: 1243
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/363,240A
; FILING DATE: December 23, 1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 210/096
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 179:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
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```

; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-363-240A-179
Query Match 3.5%; Score 10.2; DB 1; Length 15;
Best Local Similarity 53.3%; Pred. No. 3.9e+02;
Matches 8; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

QY 765 GCTCCACTTCTGAG 779
Dbb 1 GCUCUUAUUCUAG 15

RESULT 729
US-08-363-240A-582
; Sequence 582, Application US/08363240A
; Patent No. 5705388
; GENERAL INFORMATION:
; APPLICANT: Couture, Larry
; APPLICANT: McSwiggen, James
; APPLICANT: Bisgaier, Charles
; APPLICANT: Pape, Michael
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; TITLE OF INVENTION: PREVENTION, INHIBITION OF
; TITLE OF INVENTION: PROGRESSION AND REGRESSION
; TITLE OF INVENTION: OF VASCULAR DISEASES
; NUMBER OF SEQUENCES: 1243
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/363,240A
; FILING DATE: December 23, 1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 210/096
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 582:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-363-240A-583
Query Match 3.5%; Score 10.2; DB 1; Length 15;
Best Local Similarity 66.7%; Pred. No. 3.9e+02;
Matches 10; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 848 GACAGCGTCTGGCT 862
Dbb 1 GACUGCUACCGGCU 15

RESULT 731
US-08-363-240A-600
; Sequence 600, Application US/08363240A
; Patent No. 5705388
; GENERAL INFORMATION:
; APPLICANT: Couture, Larry
; APPLICANT: McSwiggen, James
; APPLICANT: Bisgaier, Charles
; APPLICANT: Pape, Michael
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; TITLE OF INVENTION: PREVENTION, INHIBITION OF
; TITLE OF INVENTION: PROGRESSION AND REGRESSION
; TITLE OF INVENTION: OF VASCULAR DISEASES
; NUMBER OF SEQUENCES: 1243
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/363,240A
; FILING DATE: December 23, 1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 210/096
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 582:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-363-240A-582
Query Match 3.5%; Score 10.2; DB 1; Length 15;
Best Local Similarity 66.7%; Pred. No. 3.9e+02;
Matches 10; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 848 GACAGCGTCTGGCT 862
Dbb 1 GACUGCUACCGGCU 15
```



```

CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/363,240A
FILING DATE: December 23, 1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 210/096
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 601:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

US-08-363-240A-601
Query Match          3.5%; Score 10.2; DB 1; Length 15;
Best Local Similarity 60.0%; Pred. No. 3.9e+02;
Matches 9; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY      801 AGCTCTCTCCCAACT 815
Db      |||.:|||.:
        1 AGCUUCUCAAACU 15

RESULT 732
US-08-363-240A-601
Sequence 601, Application US/08363240A
Patent No. 5705388
GENERAL INFORMATION:
APPLICANT: Couture, Larry
APPLICANT: McSwiggen, James
APPLICANT: Bisgaier, Charles
APPLICANT: Pope, Michael
TITLE OF INVENTION: METHOD AND REAGENT FOR PREVENTION, INHIBITION OF PROGRESSION AND REGRESSION OF VASCULAR DISEASES
TITLE OF INVENTION: PREVENTION, INHIBITION OF PROGRESSION AND REGRESSION OF VASCULAR DISEASES
NUMBER OF SEQUENCES: 1243
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/363,240A
FILING DATE: December 23, 1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 210/096
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510

US-08-363-240A-600
Query Match          3.5%; Score 10.2; DB 1; Length 15;
Best Local Similarity 60.0%; Pred. No. 3.9e+02;
Matches 9; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY      801 AGCTCTCTCCCAACT 815
Db      |||.:|||.:
        1 AGCUUCUCAAACU 15

RESULT 733
US-08-363-240A-655
Sequence 655, Application US/08363240A
Patent No. 5705388
GENERAL INFORMATION:
APPLICANT: Couture, Larry
APPLICANT: McSwiggen, James
APPLICANT: Bisgaier, Charles
APPLICANT: Pope, Michael
TITLE OF INVENTION: METHOD AND REAGENT FOR PREVENTION, INHIBITION OF PROGRESSION AND REGRESSION OF VASCULAR DISEASES
TITLE OF INVENTION: PREVENTION, INHIBITION OF PROGRESSION AND REGRESSION OF VASCULAR DISEASES
NUMBER OF SEQUENCES: 1243
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/363,240A
FILING DATE: December 23, 1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 210/096
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510

```

INFORMATION FOR SEQ ID NO: 655;
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-363-240A-655

Query Match 3.5%; Score 10.2; DB 1; Length 15;
Best Local Similarity 46.7%; Pred. No. 3.9e+02;
Matches 7; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

QY 898 TCAGCTTCGGATC 912
DB 1 UCUGGUUCGGAUC 15

RESULT 734
US-08-635-309-17
Sequence 17, Application US/08635309
Patent No. 5709997
GENERAL INFORMATION:
APPLICANT: Ronald L. Marshall
APPLICANT: Cynthia Jou
APPLICANT: John N. Simons
APPLICANT: Thomas P. Leary
APPLICANT: A. Scott Muerhoff
APPLICANT: Suresh M. Desai
APPLICANT: Isa K. Mushahwar
TITLE OF INVENTION: NUCLEIC ACID DETECTION OF HEPATITIS GB VIRUS
NUMBER OF SEQUENCES: 31
CORRESPONDENCE ADDRESS:
ADDRESSEE: Abbott Laboratories
STREET: 100 Abbott Park Road
CITY: Abbott Park
STATE: Illinois
COUNTRY: USA
ZIP: 60064-3500
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release 1.0, Version 1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/635,309
FILING DATE:
CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: Priscilla E. Porembski
REGISTRATION NUMBER: 33,207
REFERENCE/DOCKET NUMBER: 5792.US.01
TELECOMMUNICATION INFORMATION:
TELEPHONE: 708/937-0378
TELEFAX: 708/938-2623
TELEX:
INFORMATION FOR SEQ ID NO: 17:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: synthetic DNA
US-08-635-309-17

Query Match 3.5%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 3.9e+02;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 974 AAATCTGGTGTGG 988
DB 1 AAAGGTGGTGTGG 15

RESULT 735
US-08-311-486C-137
Sequence 137, Application US/08311486C
Patent No. 5811300
GENERAL INFORMATION:
APPLICANT: Sean Sullivan
APPLICANT: Kenneth Draper
APPLICANT: Kevin Kisich
APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwigen
TITLE OF INVENTION: RIBOZYME TREATMENT OF
DISEASES OR CONDITIONS
RELATED TO LEVELS OF
TITLE OF INVENTION: TNF-
NUMBER OF SEQUENCES: 1157
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/311,486C
FILING DATE: September 23, 1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/166
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 137:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-311-486C-137

Query Match 3.5%; Score 10.2; DB 1; Length 15;
Best Local Similarity 60.0%; Pred. No. 3.9e+02;
Matches 9; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 940 GAATTTTACGCAAGA 954
DB 1 GAACUUUACCAACA 15

RESULT 736
US-08-311-486C-144/c
Sequence 144, Application US/08311486C
Patent No. 5811300
GENERAL INFORMATION:
APPLICANT: Sean Sullivan
APPLICANT: Kenneth Draper
APPLICANT: Kevin Kisich

```

; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: TNF-
; NUMBER OF SEQUENCES: 1157
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/311,486C
; FILING DATE: September 23, 1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA: including application
; PRIOR APPLICATION DATA: described below:
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/166
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 162:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-311-486C-162

Query Match 3.5%; Score 10.2; DB 1; Length 15;
Best Local Similarity 66.7%; Pred. No. 3.9e+02;
Matches 10; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

Qy 756 GGTCCCTAGGCTCC 770
Db 1 GGACCUUAGGCCUUC 15

RESULT 738
US-08-110-294A-6
; Sequence 6, Application US/08110294A
; Patent No. 5821234
; GENERAL INFORMATION:
; APPLICANT: Dzaou, Victor J
; TITLE OF INVENTION: Inhibition of Proliferation of Vascular
; TITLE OF INVENTION: Smooth Muscle Cell
; NUMBER OF SEQUENCES: 49
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Allegretti & Witcoff, Ltd.
; STREET: 10 South Wacker Dr.
; CITY: Chicago
; STATE: IL
; COUNTRY: USA
; ZIP: 60606
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/110,294A
; FILING DATE: 20-AUG-1993

```

```

; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: TNF-
; NUMBER OF SEQUENCES: 1157
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/311,486C
; FILING DATE: September 23, 1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA: including application
; PRIOR APPLICATION DATA: described below:
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/166
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 144:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-311-486C-144

Query Match 3.5%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 3.9e+02;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 863 CCAGTTGGAACCTT 877
Db 15 CCAGTTGGAATCTT 1

RESULT 737
US-08-311-486C-162
; Sequence 162, Application US/08311486C
; Patent No. 5811300
; GENERAL INFORMATION:
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth Draper
; APPLICANT: Kevin Kisich
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: TNF-
; NUMBER OF SEQUENCES: 1157
; CORRESPONDENCE ADDRESS:

```

CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/063,980
FILING DATE: 19-MAY-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/944,882
FILING DATE: 10-SEP-1992
ATTORNEY/AGENT INFORMATION:
NAME: McDonnell, John J
REGISTRATION NUMBER: 26,949
REFERENCE/DOCKET NUMBER: 93,510-B
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312-715-1000
TELEFAX: 312-715-1234
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cdna
US-08-110-294A-6

Query Match 3.5%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 3.9e+02;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 747 GGCTCCAGGTCCTCC 761
Db 1 GGCTGCCATGGTCTCC 15

RESULT 739
US-08-110-294A-7/c
Sequence 7, Application US/08110294A
Patent No. 5821234
GENERAL INFORMATION:
APPLICANT: Draai, Victor J
TITLE OF INVENTION: Inhibition of Proliferation of Vascular
TITLE OF INVENTION: Smooth Muscle Cell
NUMBER OF SEQUENCES: 49
CORRESPONDENCE ADDRESS:
ADDRESSEE: Allegretti & Witcoff, Ltd.
STREET: 10 South Wacker Dr.
CITY: Chicago
STATE: IL
COUNTRY: USA
ZIP: 60606
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/110,294A
FILING DATE: 20-AUG-1993
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/063,980
FILING DATE: 19-MAY-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/944,882
FILING DATE: 10-SEP-1992
ATTORNEY/AGENT INFORMATION:
NAME: McDonnell, John J
REGISTRATION NUMBER: 26,949
REFERENCE/DOCKET NUMBER: 93,510-B
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312-715-1000
TELEFAX: 312-715-1234
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs

TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cdna
US-08-110-294A-7

Query Match 3.5%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 3.9e+02;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 747 GGCTCCAGGTCCTCC 761
Db 15 GGCTGCCATGGTCTCC 1

RESULT 740
US-08-292-620A-11
Sequence 11, Application US/08292620A
Patent No. 5837542
GENERAL INFORMATION:
APPLICANT: Susan Grimm
APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwiggen
APPLICANT: Sean Sullivan
APPLICANT: Kenneth G. Draper
TITLE OF INVENTION: RIBOZYME TREATMENT OF
TITLE OF INVENTION: DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: INTRACELLULAR ADHESION
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
NUMBER OF SEQUENCES: 2390
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/292,620A
FILING DATE: August 17, 1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-292-620A-11

Query Match 3.5%; Score 10.2; DB 1; Length 15;

Best Local Similarity 53.3%; Pred. No. 3.9e+02;
Matches 8; Conservative 4; Mismatches 3; Indels 0; Gaps 0;
QY 809 TCCAACTCAGGCTG 823
Db 1 UGCUACUCAGAGUUG 15

RESULT 741
US-08-292-620A-22
; Sequence 22, Application US/08292620A
; Patent No. 5837542
; GENERAL INFORMATION:
; APPLICANT: Susan Grimm
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: INTRACELLULAR ADHESION
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
; NUMBER OF SEQUENCES: 2390
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/292,620A
; FILING DATE: August 17, 1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA: including application
; PRIOR APPLICATION DATA: described below:
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/149
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 22:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-292-620A-22

Query Match 3.5%; Score 10.2; DB 1; Length 15;
Best Local Similarity 60.0%; Pred. No. 3.9e+02;
Matches 9; Conservative 3; Mismatches 3; Indels 0; Gaps 0;
QY 726 CTCGTGCTATAGAC 740
Db 1 CUCUGUCCAGGAC 15

RESULT 742
US-08-292-620A-592/c
; Sequence 592, Application US/08292620A
; Patent No. 5837542
; GENERAL INFORMATION:
; APPLICANT: Susan Grimm
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: INTRACELLULAR ADHESION
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
; NUMBER OF SEQUENCES: 2390
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/292,620A
; FILING DATE: August 17, 1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA: including application
; PRIOR APPLICATION DATA: described below:
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/149
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 592:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-292-620A-592

Query Match 3.5%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 3.9e+02;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 770 CACTTCTGAGGCGAG 784
Db 15 CACTGCTGAGAGCTG 1

RESULT 743
US-08-173-489C-277/c
; Sequence 277, Application US/08173489C
; Patent No. 5861244
; GENERAL INFORMATION:
; APPLICANT: WANG, C. -G.

two

two

APPLICANT: HEPBURN, A. G.
TITLE OF INVENTION: GENETIC SEQUENCE ASSAY USING DNA
TITLE OF INVENTION: TRIPLE-STRAND FORMATION.
NUMBER OF SEQUENCES: 365
CORRESPONDENCE ADDRESS:
ADDRESSEE: PROFILE DIAGNOSTIC SCIENCES, INC.,
STREET: 510 EAST 73RD STREET,
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
ZIP: 10021
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44Mb storage
COMPUTER: IBM PC/XT/AT
OPERATING SYSTEM: MS-DOS version 6.2
SOFTWARE: Wordperfect Version 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/173,489C
FILING DATE: 22 DEC 1993
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/968,436
FILING DATE: 29 OCT 1992
ATTORNEY/AGENT INFORMATION:
NAME: Handelman, Joseph H.
REGISTRATION NUMBER: U9518-6
REFERENCE/DOCKET NUMBER: U9518-6
TELEPHONE: (attorney) (212) 708-1880
TELEFAX: (attorney) (212) 246-8959
INFORMATION FOR SEQ ID NO: 277:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: double stranded
TOPOLOGY: linear
MOLECULE TYPE: genomic DNA
DESCRIPTION: 16S rRNA gene from Alcaligenes
DESCRIPTION: faecalis (Accession # M22508, M22467)
DESCRIPTION: nucleotides 1169 to 1183
HYPOTHETICAL: no
ANTI-SENSE: no
ORIGINAL SOURCE:
ORGANISM: Alcaligenes faecalis
PUBLICATION INFORMATION:
AUTHORS: Dewhirst, F E, Paster, B J, Bright,
AUTHORS: P.H.
TITLE: Chromobacterium, Eikenella,
TITLE: Kingella, Neisseria, Simonsiella and
TITLE: Vitreoscilla species comprise a major branch of
TITLE: the beta group Proteobacteria by 16S rRNA
TITLE: sequence comparison
JOURNAL: International Journal of Systematic
JOURNAL: Biology
VOLUME: 0
PAGES: 0-0
DATE: 1990
RELEVANT RESIDUES IN SEQ ID NO: 277 :FROM 1 TO 15
US-08-173-489C-277

Query Match 3.5%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 3.9e+02;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 922 TCACCACCACTTCCTCC 936
Db 15 TCCCCACCTTCCTCC 1

RESULT 744
US-08-173-489C-283/c
; Sequence 283, Application US/08173489C
; Patent No. 5861244
; APPLICANT: WANG, C. -G.

GENERAL INFORMATION:
APPLICANT: WANG, C. -G.
APPLICANT: HEPBURN, A. G.
TITLE OF INVENTION: GENETIC SEQUENCE ASSAY USING DNA
TITLE OF INVENTION: TRIPLE-STRAND FORMATION.
NUMBER OF SEQUENCES: 365
CORRESPONDENCE ADDRESS:
ADDRESSEE: PROFILE DIAGNOSTIC SCIENCES, INC.,
STREET: 510 EAST 73RD STREET,
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
ZIP: 10021
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44Mb storage
COMPUTER: IBM PC/XT/AT
OPERATING SYSTEM: MS-DOS version 6.2
SOFTWARE: Wordperfect Version 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/173,489C
FILING DATE: 22 DEC 1993
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/968,436
FILING DATE: 29 OCT 1992
ATTORNEY/AGENT INFORMATION:
NAME: Handelman, Joseph H.
REGISTRATION NUMBER: U9518-6
REFERENCE/DOCKET NUMBER: U9518-6
TELEPHONE: (attorney) (212) 708-1880
TELEFAX: (attorney) (212) 246-8959
INFORMATION FOR SEQ ID NO: 283:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: double stranded
TOPOLOGY: linear
MOLECULE TYPE: genomic DNA
DESCRIPTION: 16S rRNA gene from Coccidiella burnetii
DESCRIPTION: (Accession # M21291) nucleotides 1174 to 1188
HYPOTHETICAL: no
ANTI-SENSE: no
ORIGINAL SOURCE:
ORGANISM: Coccidiella burnetii
PUBLICATION INFORMATION:
AUTHORS: Weisburg, W G, Dobson, M E, Samuel, J E,
AUTHORS: Dasch, G A, Mallavia, L P, Mandelco, L,
AUTHORS: Sechrest, J E, Weiss, E, Woese, C R.
TITLE: Phylogenetic diversity of the
TITLE: Rickettsiae
JOURNAL: Journal of Bacteriology
VOLUME: 171
PAGES: 4202-4206
DATE: 1989
RELEVANT RESIDUES IN SEQ ID NO: 283 :FROM 1 TO 15
US-08-173-489C-283

Query Match 3.5%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 3.9e+02;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 922 TCACCACCACTTCCTCC 936
Db 15 TCCCCACCTTCCTCC 1

RESULT 745
US-08-173-489C-327/c
; Sequence 327, Application US/08173489C
; Patent No. 5861244
; GENERAL INFORMATION:
; APPLICANT: WANG, C. -G.

APPLICANT: HEBURN, A. G.
TITLE OF INVENTION: GENETIC SEQUENCE ASSAY USING DNA
NUMBER OF SEQUENCES: 365
CORRESPONDENCE ADDRESSES:
ADDRESS: PROFILE DIAGNOSTIC SCIENCES, INC.,
STREET: 510 EAST 73RD STREET,
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
ZIP: 10021.
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44mb storage
COMPUTER: IBM PC/XT/AT
OPERATING SYSTEM: MS-DOS version 6.2
SOFTWARE: Wordperfect Version 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/173,489C
FILING DATE: 22 DEC 1993
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/968,436
FILING DATE: 29 OCT 1992
ATTORNEY/AGENT INFORMATION:
NAME: Handelman, Joseph H.
REGISTRATION NUMBER: 26,179
REFERENCE/DOCKET NUMBER: U9518-6
TELECOMMUNICATION INFORMATION:
TELEPHONE: (attorney) (212) 708-1880
TELEFAX: (attorney) (212) 246-8959
INFORMATION FOR SEQ ID NO: 327:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: double stranded
TOPOLOGY: linear
MOLECULE TYPE: genomic DNA
DESCRIPTION: 16S rRNA gene from Mycobacterium
DESCRIPTION: paratuberculosis (Accession # M29569)
DESCRIPTION: nucleotides 1159 to 1173
HYPOTHETICAL: no
ANTI-SENSE: no
ORIGINAL SOURCE:
ORGANISM: Mycobacterium paratuberculosis
PUBLICATION INFORMATION:
AUTHORS: Stahl, D A, Urbance, J W.
TITLE: The division between fast-
TITLE: and slow-growing species corresponds to natural
TITLE: relationships among the mycobacteria
JOURNAL: Journal of Bacteriology
VOLUME: 172
PAGES: 116-124
DATE: 1989
RELEVANT RESIDUES IN SEQ ID NO: 327 :FROM 1 TO 15
US-08-173-489C-327

Query Match 3.5%; Score 10.2; DB 1; length 15;
Best Local Similarity 80.0%; Pred. No. 3.9e+02;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 922 TCACCAACCACTCTCC 936
Db 15 TCCCACTCTCTCC 1

RESULT 746
US-08-173-489C-337/C
Sequence 337, Application US/08173489C
Patent No. 5861244
GENERAL INFORMATION:
APPLICANT: WANG, C. -G.
APPLICANT: HEBURN, A. G.
TITLE OF INVENTION: GENETIC SEQUENCE ASSAY USING DNA

TITLE OF INVENTION: TRIPLE-STRAND FORMATION.
NUMBER OF SEQUENCES: 365
CORRESPONDENCE ADDRESSES:
ADDRESS: PROFILE DIAGNOSTIC SCIENCES, INC.,
STREET: 510 EAST 73RD STREET,
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
ZIP: 10021.
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44mb storage
COMPUTER: IBM PC/XT/AT
OPERATING SYSTEM: MS-DOS version 6.2
SOFTWARE: Wordperfect Version 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/173,489C
FILING DATE: 22 DEC 1993
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/968,436
FILING DATE: 29 OCT 1992
ATTORNEY/AGENT INFORMATION:
NAME: Handelman, Joseph H.
REGISTRATION NUMBER: 26,179
REFERENCE/DOCKET NUMBER: U9518-6
TELECOMMUNICATION INFORMATION:
TELEPHONE: (attorney) (212) 708-1880
TELEFAX: (attorney) (212) 246-8959
INFORMATION FOR SEQ ID NO: 337:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: double stranded
TOPOLOGY: linear
MOLECULE TYPE: genomic DNA
DESCRIPTION: 16S rRNA gene from Neisseria
DESCRIPTION: gonorrhoeae (Accession # X07714) nucleotides
DESCRIPTION: 1174 to 1188
HYPOTHETICAL: no
ANTI-SENSE: no
ORIGINAL SOURCE:
ORGANISM: Neisseria gonorrhoeae
STRAIN: NCTC 83785
PUBLICATION INFORMATION:
AUTHORS: Rossau, R, Heyndrickx, L, van
TITLE: Nucleotide sequence of a 16S
TITLE: ribosomal RNA gene from Neisseria gonorrhoeae
JOURNAL: Nucleic Acids Research
VOLUME: 16
PAGES: 6227-6227
DATE: 1988
RELEVANT RESIDUES IN SEQ ID NO: 337 :FROM 1 TO 15
US-08-173-489C-337

Query Match 3.5%; Score 10.2; DB 1; length 15;
Best Local Similarity 80.0%; Pred. No. 3.9e+02;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 922 TCACCAACCACTCTCC 936
Db 15 TCCCACTCTCTCC 1

RESULT 747
US-08-173-489C-343/C
Sequence 343, Application US/08173489C
Patent No. 5861244
GENERAL INFORMATION:
APPLICANT: WANG, C. -G.
APPLICANT: HEBURN, A. G.
TITLE OF INVENTION: TRIPLE-STRAND FORMATION.

NUMBER OF SEQUENCES: 365
CORRESPONDENCE ADDRESS:
ADDRESSEE: PROFILE DIAGNOSTIC SCIENCES, INC.,
STREET: 510 EAST 73RD STREET,
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
ZIP: 10021.
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44MB storage
COMPUTER: IBM PC/XT/AT
OPERATING SYSTEM: MS-DOS version 6.2
SOFTWARE: Wordperfect Version 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/173,489C
FILING DATE: 22 DEC 1993
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/968,436
FILING DATE: 29 OCT 1992
ATTORNEY/AGENT INFORMATION:
NAME: Handelman, Joseph H.
REGISTRATION NUMBER: 26,179
REFERENCE/DOCKET NUMBER: U9518-6
TELECOMMUNICATION INFORMATION:
TELEPHONE: (attorney) (212) 708-1880
TELEFAX: (attorney) (212) 246-8959
INFORMATION FOR SEQ ID NO: 343:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: double stranded
TOPOLOGY: linear
MOLECULE TYPE: genomic DNA
DESCRIPTION: 16S rRNA gene from *Pseudomonas cepacea*
DESCRIPTION: (Accession # M22518, M22467) nucleotides 1165
HYPOTHETICAL: no
ANTI-SENSE: no
ORIGINAL SOURCE:
ORGANISM: *Pseudomonas cepacea*
PUBLICATION INFORMATION:
AUTHORS: Dewhirst, F E, Paster, B J, Bright, P L.
TITLE: Chromobacterium, Eikenella,
TITLE: Kingella, Neisseria, Simonsiella and
TITLE: Vitreoscilla species comprise a major branch of
TITLE: the beta group Proteobacteria by 16S rRNA
JOURNAL: sequence comparison
JOURNAL: International Journal of Systematic
VOLUME: 0
PAGES: 0-0
DATE: 1990
RELEVANT RESIDUES IN SEQ ID NO: 343 :FROM 1 TO 15
US-08-173-489C-343
Query Match 3.5%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 3.9e+02;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 922 TCACCCACCTCTCC 936
DB 15 TCCCCACCTCTCTCC 1

RESULT 748
US-08-173-489C-347/C
Sequence 347, Application US/08173489C
Patent No. 5861244
GENERAL INFORMATION:
APPLICANT: WANG, C. -G.
APPLICANT: HEBURN, A. G.
TITLE OF INVENTION: GENETIC SEQUENCE ASSAY USING DNA
TITLE OF INVENTION: TRIPLE-STRAND FORMATION.

NUMBER OF SEQUENCES: 365
CORRESPONDENCE ADDRESS:
ADDRESSEE: PROFILE DIAGNOSTIC SCIENCES, INC.,
STREET: 510 EAST 73RD STREET,
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
ZIP: 10021.
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44MB storage
COMPUTER: IBM PC/XT/AT
OPERATING SYSTEM: MS-DOS version 6.2
SOFTWARE: Wordperfect Version 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/173,489C
FILING DATE: 22 DEC 1993
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/968,436
FILING DATE: 29 OCT 1992
ATTORNEY/AGENT INFORMATION:
NAME: Handelman, Joseph H.
REGISTRATION NUMBER: 26,179
REFERENCE/DOCKET NUMBER: U9518-6
TELECOMMUNICATION INFORMATION:
TELEPHONE: (attorney) (212) 708-1880
TELEFAX: (attorney) (212) 246-8959
INFORMATION FOR SEQ ID NO: 347:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: double stranded
TOPOLOGY: linear
MOLECULE TYPE: genomic DNA
DESCRIPTION: 16S rRNA gene from *Streptococcus*
DESCRIPTION: parangsuis (Accession # X53652) nucleotides
HYPOTHETICAL: no
ANTI-SENSE: no
ORIGINAL SOURCE:
ORGANISM: *Streptococcus parangsuis*
STRAIN: 85-81
PUBLICATION INFORMATION:
AUTHORS: Whaley, R A, Fraser, H Y, Douglas, C W
AUTHORS: I, Hardie, J M, Williams, A M, Collins, M D.
TITLE: Streptococcus parangsuis sp
TITLE: nov., an atypical viridans Streptococcus from
TITLE: human clinical specimens
JOURNAL: FEMS Microbiology Letters
VOLUME: 68
PAGES: 115-122
DATE: 1990
RELEVANT RESIDUES IN SEQ ID NO: 347 :FROM 1 TO 15
US-08-173-489C-347
Query Match 3.5%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 3.9e+02;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 922 TCACCCACCTCTCC 936
DB 15 TCCCCACCTCTCTCC 1

RESULT 749
US-08-774-306A-33/C
Sequence 33, Application US/08774306A
Patent No. 5869253
GENERAL INFORMATION:
APPLICANT: Draper, Kenneth G.
APPLICANT: AND REAGENT FOR
TITLE OF INVENTION: INHIBITING HEPATITIS C
TITLE OF INVENTION: VIRUS REPLICATION

NUMBER OF SEQUENCES: 497
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/774,306A
FILING DATE: December 26, 1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/182,968
FILING DATE: January 13, 1994
APPLICATION NUMBER: 07/882,888
FILING DATE: May 14, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 223/227
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 33:
SEQUENCE CHARACTERISTICS:
LENGTH: 15
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-774-306A-33

Query Match 3.5%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 3.9e+02;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 751 CCCAGGTCCTAGG 765
DB 15 CCAAGGTCACAGG 1

RESULT 750
US-08-774-306A-34/c
Sequence 34, Application US/08774306A
Patent No. 5869253
GENERAL INFORMATION:
APPLICANT: Draper, Kenneth G.
TITLE OF INVENTION: METHOD AND REAGENT FOR
TITLE OF INVENTION: INHIBITING HEPATITIS C
TITLE OF INVENTION: VIRUS REPLICATION
NUMBER OF SEQUENCES: 497
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/774,306A
FILING DATE: December 26, 1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/182,968
FILING DATE: January 13, 1994
APPLICATION NUMBER: 07/882,888
FILING DATE: May 14, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 223/227
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 34:
SEQUENCE CHARACTERISTICS:
LENGTH: 15
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-774-306A-34

Query Match 3.5%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 3.9e+02;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 746 AGGGTCACAGGTC 760
DB 15 AGGGTCACAGGTC 1

RESULT 751
US-08-774-306A-313
Sequence 313, Application US/08774306A
Patent No. 5869253
GENERAL INFORMATION:
APPLICANT: Draper, Kenneth G.
TITLE OF INVENTION: METHOD AND REAGENT FOR
TITLE OF INVENTION: INHIBITING HEPATITIS C
TITLE OF INVENTION: VIRUS REPLICATION
NUMBER OF SEQUENCES: 497
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/774,306A
FILING DATE: December 26, 1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/182,968
FILING DATE: January 13, 1994
APPLICATION NUMBER: 07/882,888
FILING DATE: May 14, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 223/227
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 313:

SEQUENCE CHARACTERISTICS:
LENGTH: 15
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-774-306A-313

Query Match 3.5%; Score 10.2; DB 1; Length 15;
Best Local Similarity 60.0%; Pred. No. 3.9e+02;
Matches 9; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 735 TAGGACTTGTTAGCG 749
DB 1 UAGGCCUUGGAGG 15

RESULT 753
US-08-774-306A-358
Sequence 358, Application US/08774306A
Patent No. 5869253

GENERAL INFORMATION:
APPLICANT: Draper, Kenneth G.
TITLE OF INVENTION: METHOD AND REAGENT FOR
TITLE OF INVENTION: INHIBITING HEPATITIS C
TITLE OF INVENTION: VIRUS REPLICATION
NUMBER OF SEQUENCES: 497
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/774,306A
FILING DATE: December 26, 1996
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: 08/182,968
FILING DATE: January 13, 1994
APPLICATION NUMBER: 07/882,888

ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 223/227
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 358:
SEQUENCE CHARACTERISTICS:
LENGTH: 15
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-774-306A-358

Query Match 3.5%; Score 10.2; DB 1; Length 15;
Best Local Similarity 60.0%; Pred. No. 3.9e+02;
Matches 9; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 739 ACTTGTTAGGTTGCC 753
DB 1 ACCUGGUGGUGGAC 15

RESULT 753
US-08-774-306A-482
Sequence 482, Application US/08774306A
Patent No. 5869253

GENERAL INFORMATION:
APPLICANT: Draper, Kenneth G.
TITLE OF INVENTION: METHOD AND REAGENT FOR
TITLE OF INVENTION: INHIBITING HEPATITIS C
TITLE OF INVENTION: VIRUS REPLICATION
NUMBER OF SEQUENCES: 497
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/774,306A
FILING DATE: December 26, 1996
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: 08/182,968
FILING DATE: January 13, 1994
APPLICATION NUMBER: 07/882,888

ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 223/227
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 482:
SEQUENCE CHARACTERISTICS:
LENGTH: 15
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-774-306A-482

Query Match 3.5%; Score 10.2; DB 1; Length 15;
Best Local Similarity 60.0%; Pred. No. 3.9e+02;
Matches 9; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 783 AGCCCTCTGATGCC 797
DB 1 AGCCUGUCUGGUC 15

RESULT 754
US-08-389-926-6
Sequence 6, Application US/08389926
Patent No. 5869462

GENERAL INFORMATION:
APPLICANT: Dza, Victor J.
TITLE OF INVENTION: Inhibition of Proliferation of Vascular
TITLE OF INVENTION: Smooth Muscle Cell
NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESS:
ADDRESSEE: Banner & Allegretti, Ltd.
STREET: 10 South Wacker Dr.
CITY: Chicago
STATE: IL
COUNTRY: USA
ZIP: 60606

```
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/389,926
FILING DATE: 16 FEB 1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/063,980
FILING DATE: 19-MAY-1993
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/944,882
FILING DATE: 10-SEP-1992

Query Match
Best Local Similarity 3.5%; Score 10.2; DB 1; Length 15;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 747 GGGTCCCGAGGTCCC 761
Db 1 GGGTCCCATGTGCC 15

RESULT 755
US-08-389-926-7/C
Sequence 7, Application US/08389926
Patent No. 5869462
GENERAL INFORMATION:
APPLICANT: Dzanu Victor J
TITLE OF INVENTION: Inhibition of Proliferation of Vascular
TITLE OF INVENTION: Smooth Muscle Cell
NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESS:
ADDRESSEE: Banner & Allegretti, Ltd.
STREET: 10 South Wacker Dr.
CITY: Chicago
STATE: IL
COUNTRY: USA
ZIP: 60606
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/389,926
FILING DATE: 16 FEB 1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/063,980
FILING DATE: 19-MAY-1993
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/944,882
FILING DATE: 10-SEP-1992
```

```
ATTORNEY/AGENT INFORMATION:
NAME: McDonnell, John J
REGISTRATION NUMBER: 26,949
REFERENCE/DOCKET NUMBER: 93,510-D
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312-715-1000
TELEFAX: 312-715-1234
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-08-389-926-7

Query Match
Best Local Similarity 3.5%; Score 10.2; DB 1; Length 15;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 747 GGGTCCCGAGGTCCC 761
Db 15 GGGTCCCATGTGCC 1

RESULT 756
US-08-613-417A-31
Sequence 31, Application US/08613417A
Patent No. 5874553
GENERAL INFORMATION:
APPLICANT:
TITLE OF INVENTION: Phosphonomonoester nucleic acids,
NUMBER OF SEQUENCES: 33
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25 (ERO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/613,417A
FILING DATE:
CLASSIFICATION: 514
INFORMATION FOR SEQ ID NO: 31:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
ANTI-SENSE: yes
FEATURE:
NAME/KEY: exon
LOCATION: 1..15
US-08-613-417A-31

Query Match
Best Local Similarity 3.5%; Score 10.2; DB 1; Length 15;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 747 GGGTCCCGAGGTCCC 761
Db 1 GGGTCCCATGTGCC 15

RESULT 757
US-08-585-684B-47/C
Sequence 47, Application US/08585684B
Patent No. 5877021
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Daniel T.
APPLICANT: Jarvis, Dale
APPLICANT: McSwiggen, James
```

TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
NUMBER OF SEQUENCES: 2751
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FASTSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/585,684B
FILING DATE: January 16, 1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/000,951
FILING DATE: July 7, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/078
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ. ID NO: 47:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-585-684B-47
Query Match 3.5%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 3.9e+02;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
OY 933 CTCGAGAAATTTA 947
Db 15 CTCGAGTATGTTTA 1
RESULT 758
US-08-585-684B-53
Sequence 53, Application US/08585684B
Patent No. 5877021
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Daniel T.
APPLICANT: Jarvis, Thale
APPLICANT: McSwiggen, James
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
NUMBER OF SEQUENCES: 2751
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM Compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FASTSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/585,684B
FILING DATE: January 16, 1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/000,951
FILING DATE: July 7, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/078
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ. ID NO: 53:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-585-684B-53
Query Match 3.5%; Score 10.2; DB 1; Length 15;
Best Local Similarity 46.7%; Pred. No. 3.9e+02;
Matches 7; Conservative 5; Mismatches 3; Indels 0; Gaps 0;
OY 910 ATCAGATTATCA 924
Db 1 AATGGAATGACCA 15
RESULT 759
US-08-585-684B-172
Sequence 172, Application US/08585684B
Patent No. 5877021
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Daniel T.
APPLICANT: Jarvis, Thale
APPLICANT: McSwiggen, James
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
NUMBER OF SEQUENCES: 2751
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FASTSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/585,684B
FILING DATE: January 16, 1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/000,951
FILING DATE: July 7, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/078
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510

; INFORMATION FOR SEQ ID NO: 172:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 15 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 US-08-585-684B-172

Query Match 3.5%; Score 10.2; DB 1; Length 15;
 Best Local Similarity 60.0%; Pred. No. 3.9e+02;
 Matches 9; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 871 AACACTTCTGAGA 885
 DB 1 AACAGUUCCAAGA 15

RESULT 760
 US-08-585-684B-173
 ; Sequence 173, Application US/08585684B
 ; Patent No. 5877021
 ; GENERAL INFORMATION:
 ; APPLICANT: Stinchcomb, Daniel T.
 ; APPLICANT: Jarvis, Thale
 ; APPLICANT: McSwigen, James
 ; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
 ; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
 ; NUMBER OF SEQUENCES: 2751
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Lyon & Lyon
 ; STREET: 633 West Fifth Street
 ; STREET: Suite 4700
 ; CITY: Los Angeles
 ; STATE: California
 ; COUNTRY: U.S.A.
 ; ZIP: 90071
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 ; MEDIUM TYPE: storage
 ; COMPUTER: IBM Compatible
 ; OPERATING SYSTEM: IBM P.C. DOS 5.0
 ; SOFTWARE: FastSeq Version 1.5
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/585,684B
 ; FILING DATE: January 16, 1996
 ; PRIORITY APPLICATION DATA:
 ; APPLICATION NUMBER: 60/000,951
 ; FILING DATE: July 7, 1995
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Warburg, Richard
 ; REGISTRATION NUMBER: 32,327
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (213) 489-1600
 ; TELEFAX: (213) 955-0440
 ; TELEX: 67-3510
 ; INFORMATION FOR SEQ ID NO: 173:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 15 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 US-08-585-684B-173

Query Match 3.5%; Score 10.2; DB 1; Length 15;
 Best Local Similarity 53.3%; Pred. No. 3.9e+02;
 Matches 8; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

QY 872 AACACTTCTGAGAT 886
 DB 1 AACAGUUCCAAGA 15

RESULT 761
 US-08-585-684B-198
 ; Sequence 198, Application US/08585684B
 ; Patent No. 5877021
 ; GENERAL INFORMATION:
 ; APPLICANT: Stinchcomb, Daniel T.
 ; APPLICANT: Jarvis, Thale
 ; APPLICANT: McSwigen, James
 ; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
 ; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
 ; NUMBER OF SEQUENCES: 2751
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Lyon & Lyon
 ; STREET: 633 West Fifth Street
 ; STREET: Suite 4700
 ; CITY: Los Angeles
 ; STATE: California
 ; COUNTRY: U.S.A.
 ; ZIP: 90071
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 ; MEDIUM TYPE: storage
 ; COMPUTER: IBM Compatible
 ; OPERATING SYSTEM: IBM P.C. DOS 5.0
 ; SOFTWARE: FastSeq Version 1.5
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/585,684B
 ; FILING DATE: January 16, 1996
 ; PRIORITY APPLICATION DATA:
 ; APPLICATION NUMBER: 60/000,951
 ; FILING DATE: July 7, 1995
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Warburg, Richard
 ; REGISTRATION NUMBER: 32,327
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (213) 489-1600
 ; TELEFAX: (213) 955-0440
 ; TELEX: 67-3510
 ; INFORMATION FOR SEQ ID NO: 198:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 15 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 US-08-585-684B-198

Query Match 3.5%; Score 10.2; DB 1; Length 15;
 Best Local Similarity 53.3%; Pred. No. 3.9e+02;
 Matches 8; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

QY 871 AACACTTCTGAGA 885
 DB 1 AACAGUUCCAAGA 15

RESULT 762
 US-08-585-684B-654
 ; Sequence 654, Application US/08585684B
 ; Patent No. 5877021
 ; GENERAL INFORMATION:
 ; APPLICANT: Stinchcomb, Daniel T.
 ; APPLICANT: Jarvis, Thale
 ; APPLICANT: McSwigen, James
 ; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
 ; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
 ; NUMBER OF SEQUENCES: 2751
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Lyon & Lyon
 ; STREET: 633 West Fifth Street

STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FASTSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/585,684B
FILING DATE: January 16, 1996
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: 60/000,951
FILING DATE: July 7, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/078
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 654:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-585-684B-654

Query Match 3.5%; Score 10.2; DB 1; Length 15;
Best Local Similarity 40.0%; Pred. No. 3.9e+02;
Matches 6; Conservative 6; Mismatches 3; Indels 0; Gaps 0;

QY 892 TACTCTCAGCTTCT 906
Db 1 UACUUCUCUGUCUCU 15

RESULT 763
US-08-585-684B-1201
Sequence 1201, Application US/08585684B
Patent No. 5877021
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Daniel T.
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
INDUCTION OF GRAFT TOLERANCE
TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
NUMBER OF SEQUENCES: 2751
CORRESPONDENCE ADDRESS:
ADDRESSER: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FASTSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/585,684B
FILING DATE: January 16, 1996
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: 60/000,951

FILING DATE: July 7, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/078
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1263:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-585-684B-1201

Query Match 3.5%; Score 10.2; DB 1; Length 15;
Best Local Similarity 40.0%; Pred. No. 3.9e+02;
Matches 6; Conservative 6; Mismatches 3; Indels 0; Gaps 0;

QY 892 TACTCTCAGCTTCT 906
Db 1 UGCUUCUCUGUCUCU 15

RESULT 764
US-08-585-684B-1263/C
Sequence 1263, Application US/08585684B
Patent No. 5877021
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Daniel T.
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
INDUCTION OF GRAFT TOLERANCE
TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
NUMBER OF SEQUENCES: 2751
CORRESPONDENCE ADDRESS:
ADDRESSER: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FASTSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/585,684B
FILING DATE: January 16, 1996
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: 60/000,951
FILING DATE: July 7, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/078
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1263:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-585-684B-1263

Mon Jul 12 11:21:16 2004

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Page 277

Query Match 3.5%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 3.9e+02;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 746 AGGTCCTCCAGGCTCC 760
DB 15 AGGTCCTCCAGGCTCC 1

RESULT 765
US-08-585-684B-1279/c
; Sequence 1279, Application US/08585684B
; Patent No. 5877021

GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071

COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FASTSEQ Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/585,684B
; FILING DATE: January 16, 1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/000,951
; FILING DATE: July 7, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510

INFORMATION FOR SEQ. ID NO: 1279:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-585-684B-1279

Query Match 3.5%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 3.9e+02;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 977 TCTGTGTATGGTA 991
DB 15 TCTGTGTATGGTA 1

RESULT 766
US-08-585-684B-1358
; Sequence 1358, Application US/08585684B
; Patent No. 5877021

GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.

APPLICANT: Jarvis, Thale
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071

COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FASTSEQ Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/585,684B
; FILING DATE: January 16, 1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/000,951
; FILING DATE: July 7, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/078
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ. ID NO: 1358:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-585-684B-1358

Query Match 3.5%; Score 10.2; DB 1; Length 15;
Best Local Similarity 66.7%; Pred. No. 3.9e+02;
Matches 10; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 756 GGTCTTACGCTCC 770
DB 1 GGTCTTACGCTCC 15

RESULT 767
US-08-585-684B-1379/c
; Sequence 1379, Application US/08585684B
; Patent No. 5877021

GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071

COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FASTSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/585,684B
FILING DATE: January 16, 1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/000,951
FILING DATE: July 7, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/078
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1379:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-585-684B-1379

Query Match 3.5%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 3.9e+02;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 934 TCCAGAGATTATAC 948
DB 15 TCCATGAGATTAGAC 1

RESULT 768
US-08-585-684B-2105/C
Sequence 2105, Application US/08585684B
Patent No. 5877021
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Daniel T.
APPLICANT: Jarvis, Thale
APPLICANT: McSwigen, James
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
NUMBER OF SEQUENCES: 2751
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FASTSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/585,684B
FILING DATE: January 16, 1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/000,951
FILING DATE: July 7, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/078
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 2105:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-585-684B-2105

Query Match 3.5%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 3.9e+02;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 943 TTTTCCAGAGAGA 957
DB 15 TTTTCCAGAGAGA 1

RESULT 769
US-08-585-684B-2106/C
Sequence 2106, Application US/08585684B
Patent No. 5877021
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Daniel T.
APPLICANT: Jarvis, Thale
APPLICANT: McSwigen, James
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
NUMBER OF SEQUENCES: 2751
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FASTSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/585,684B
FILING DATE: January 16, 1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/000,951
FILING DATE: July 7, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/078
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 2106:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-585-684B-2106

Query Match 3.5%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 3.9e+02;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 942 ATTTAGCAGAGAG 956
|||||

Db 15 ATTTCGAAGCAG 1

RESULT 770

US-08-760-870-3
; Sequence 3, Application US/08760870
; Patent No. 5935856
; GENERAL INFORMATION:
; APPLICANT: Morrison, Richard S.
; TITLE OF INVENTION: Method of inhibiting the growth of
; TITLE OF INVENTION: bfgf-Dependent Neoplastic Cells
; NUMBER OF SEQUENCES: 4
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Kolisch Hartwell Dickinson McCormack & Heuser
; STREET: 520 S.W. Yamhill, Suite 200
; CITY: Portland
; STATE: Oregon
; COUNTRY: U.S.A.
; ZIP: 97204
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/760,870
; FILING DATE: 09-DEC-1996
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Van Rysselberghe, Pierre C.
; REGISTRATION NUMBER: 33,557
; REFERENCE/DOCKET NUMBER: Lgy 305BA
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (503) 224-6555
; TELEFAX: (503) 295-6679
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHEICAL: NO
; ANTI-SENSE: YES
US-08-760-870-3

Query Match 3.5%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 3.9e+02;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 747 GGCTCCAGGCTCC 761
Db 1 GGCTCCAGGCTCC 15

RESULT 771

US-08-417-629B-9/C
; Sequence 9, Application US/08417629B
; Patent No. 5981172
; GENERAL INFORMATION:
; APPLICANT: JOHN N. SIMONS
; APPLICANT: TAMU J. PILOT-MATIAS
; APPLICANT: GEORGE J. DAMSON
; APPLICANT: GEORGE G. SCHLAUDER
; APPLICANT: SURESH W. DESAI
; APPLICANT: THOMAS P. LEARY
; APPLICANT: ANTHONY SCOTT MUEHROFF
; APPLICANT: JAMES C. ERKER
; APPLICANT: SHERI L. BUTIK
; APPLICANT: ISA K. MUSHAMMAR
; TITLE OF INVENTION: NON-A, NON-B, NON-C, NON-D, NON-E HEPATITIS
; TITLE OF INVENTION: REAGENTS AND METHODS FOR THEIR USE
; NUMBER OF SEQUENCES: 16

CORRESPONDENCE ADDRESS:

ADDRESSEE: ABBOTT LABORATORIES D377/ABED
; STREET: ONE ABBOTT PARK ROAD
; CITY: ABBOTT PARK
; STATE: IL
; COUNTRY: USA
; ZIP: 60064-3500
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/417,629B
; FILING DATE:
; CLASSIFICATION: 424
; ATTORNEY/AGENT INFORMATION:
; NAME: FOREMSKI, PRISCILLA E.
; REGISTRATION NUMBER: 33,207
; REFERENCE/DOCKET NUMBER: 5527.US.P7
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 708-937-6365
; TELEFAX: 708-938-2623
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-417-629B-9

Query Match 3.5%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 3.9e+02;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 974 AAATCGGTGATCG 988
Db 15 AAAGTGTGTGATCG 1

RESULT 772

US-08-594-452-31
; Sequence 31, Application US/08594452
; Patent No. 6013639
; GENERAL INFORMATION:
; APPLICANT: PEYMAN, Anuschirwan
; APPLICANT: UHLMANN, Eugen
; TITLE OF INVENTION: G CAP-STABILIZED OLIGONUCLEOTIDES
; NUMBER OF SEQUENCES: 105
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Foley & Lardner
; STREET: 3000 K Street, N.W., Suite 500
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20007-5109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/594,452
; FILING DATE: 31-JAN-1996
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: DE 195 02 912.7
; FILING DATE: 31-JAN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: SANDERCOCK, COLIN G.
; REGISTRATION NUMBER: 31,298
; REFERENCE/DOCKET NUMBER: 18748/264/HOCE

```
TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 672-5300
; TELEFAX: (202) 672-5399
;
; INFORMATION FOR SEQ ID NO: 31:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-08-594-452-31

Query Match          3.5%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 3.9e+02;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      747 GGGTCCCGAGGTC 761
Db      1 GGGTCCCGATGTC 15

RESULT 773
US-08-757-024-408/c
; Sequence 408, Application US/08757024
; Patent No. 6025339
;
; GENERAL INFORMATION:
; APPLICANT: Nyce, Jonathan W.
; TITLE OF INVENTION: METHOD OF TREATMENT FOR ASTHMA
; NUMBER OF SEQUENCES: 952
; CORRESPONDENCE ADDRESS:
; ADDRESSER: BELL, SELTZER, PARK & GIBSON
; STREET: P.O. Drawer 34009
; CITY: Charlotte
; STATE: No. 6025339ch Carolina
; COUNTRY: USA
; ZIP: 28234
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/757,024
; FILING DATE: 26-NOV-1996
;
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Sibley, Kenneth D.
; REGISTRATION NUMBER: 31,665
; REFERENCE/DOCKET NUMBER: 5218-41
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 919-881-3140
; TELEFAX: 919-881-3175
;
; INFORMATION FOR SEQ ID NO: 408:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
;
US-08-757-024-408

Query Match          3.5%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 3.9e+02;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      808 CTCGACATCAGGCTT 822
Db      15 CTCGACATCAGCTT 1

RESULT 774
US-08-913-833-6/c
```

```
Sequence 6, Application US/08913833
; Patent No. 6087093
;
; GENERAL INFORMATION:
; APPLICANT: STUYVER, LIEVEN
; APPLICANT: LOEWAGIE, JOOST
; APPLICANT: ROSSAU, RUDI
; TITLE OF INVENTION: METHOD FOR DETECTION OF DRUG-INDUCED
; TITLE OF INVENTION: MUTATIONS IN THE REVERSE TRANSCRIPTASE GENE
; NUMBER OF SEQUENCES: 164
; CORRESPONDENCE ADDRESS:
; ADDRESSER: ARNOLD, WHITE & DURKEE
; STREET: P.O. BOX 4433
; CITY: HOUSTON
; STATE: TEXAS
; COUNTRY: USA
; ZIP: 77210-4433
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Microsoft Word 6.0 / ASCII text output
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/913,833
; FILING DATE: 15 Sep 1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/EP97/00211
; FILING DATE: 17 Jan 1997
; PRIOR APPLICATION NUMBER: EP 96870005.4
; FILING DATE: 26 Jan 1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP 96870081.5
; FILING DATE: 25 Jun 1996
; ATTORNEY/AGENT INFORMATION:
; NAME: KAMMERER, PATRICIA A.
; REGISTRATION NUMBER: 29,775
; REFERENCE/DOCKET NUMBER: INNS:008
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHEICAL: NO
; ANTI-SENSE: NO
;
US-08-913-833-6

Query Match          3.5%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 3.9e+02;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      830 TCTCTTTCTTCTCT 844
Db      15 TCTTTTCATCTCT 1

RESULT 775
US-08-094-714A-4
; Sequence 4, Application US/09094714A
; Patent No. 6117847
;
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett, Nicholas M. Dean
; TITLE OF INVENTION: OLIGONUCLEOTIDES FOR ENHANCED MODULATION OF
; TITLE OF INVENTION: PROTEIN KINASE C EXPRESSION
; NUMBER OF SEQUENCES: 69
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Woodcock Washburn Kurtz Mackiewicz & No. 6117847rie, LLP
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
```

COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 8.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/094,714A
FILING DATE: June 15, 1998
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/601,269
FILING DATE: 14-FEB-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/478,178
FILING DATE: 07-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/089,996
FILING DATE: 09-JUL-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/852,852
FILING DATE: 16-MAR-1992
ATTORNEY/AGENT INFORMATION:
NAME: Paul K. Legaard
REGISTRATION NUMBER: 38,534
REFERENCE/DOCKET NUMBER: ISIS-2943
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 15
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-094-714A-4

Query Match 3.5%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 3.9e+02;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 765 GCCTCCACTTCTGAG 779
DB 1 GCCCCTCTTCTCAG 15

RESULT 776
US-09-258-408-31
Sequence 31, Application US/09258408
Patent No. 6121434
GENERAL INFORMATION:
APPLICANT: PEYMAN, Anuschirwan
APPLICANT: UHLMANN, Eugen
TITLE OF INVENTION: G CAP-STABILIZED OLIGONUCLEOTIDES
NUMBER OF SEQUENCES: 105
CORRESPONDENCE ADDRESS:
ADDRESSEE: Foley & Lardner
STREET: 3000 K Street, N.W., Suite 500
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20007-5109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/258,408
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/594,452
FILING DATE:

ATTORNEY/AGENT INFORMATION:
NAME: SANDERCOCK, Colin G.
REGISTRATION NUMBER: 31,298
REFERENCE/DOCKET NUMBER: 18748/264/HOCE
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 672-5300
TELEFAX: (202) 672-5399
TELEX: 904136
INFORMATION FOR SEQ ID NO: 31:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-258-408-31

Query Match 3.5%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 3.9e+02;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 747 GGTCCAGGGTCCC 761
DB 1 GGCTCCAGGTCCC 15

RESULT 777
US-09-196-132-31
Sequence 31, Application US/09196132
Patent No. 6127146
GENERAL INFORMATION:
APPLICANT:
TITLE OF INVENTION: Phosphonomonoester nucleic acids, and their use
NUMBER OF SEQUENCES: 33
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/196,132
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/613,417
FILING DATE:
INFORMATION FOR SEQ ID NO: 31:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
ANTI-SENSE: yes
FEATURE:
NAME/KEY: exon
LOCATION: 1..15
US-09-196-132-31

Query Match 3.5%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 3.9e+02;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 747 GGTCCAGGGTCCC 761
DB 1 GGCTCCAGGTCCC 15

RESULT 778
US-09-064-156A-33/C
Sequence 33, Application US/09064156A
Patent No. 6132866
GENERAL INFORMATION:

```

APPLICANT: Draper, Kenneth G.
TITLE OF INVENTION: METHOD AND REAGENT FOR
INHIBITING HEPATITIS C
TITLE OF INVENTION: INHIBITING HEPATITIS C
TITLE OF INVENTION: VIRUS REPLICATION
NUMBER OF SEQUENCES: 498
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Suite 4700
STATE: Los Angeles
COUNTRY: California
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/064,156A
FILING DATE: April 21, 1998
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: 08/774,306
FILING DATE: December 26, 1996
APPLICATION NUMBER: 08/182,968
FILING DATE: January 13, 1994
APPLICATION NUMBER: 07/882,888
FILING DATE: May 14, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard U.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 234/083
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 33:
SEQUENCE CHARACTERISTICS:
LENGTH: 15
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-064-156A-33
Query Match 3.5%; Score 10.2; DB 1; Length 15;
Best local Similarity 80.0%; Pred. No. 3.9e+02;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0.
QY 751 CCCAGGTCCTAGG 765
DB 15 CCAGGGTACCCAGG 1
RESULT 779
US-09-064-156A-34/C
Sequence 34, Application US/09064156A
Patent No. 6132966
GENERAL INFORMATION:
APPLICANT: Draper, Kenneth G.
TITLE OF INVENTION: METHOD AND REAGENT FOR
INHIBITING HEPATITIS C
TITLE OF INVENTION: VIRUS REPLICATION
NUMBER OF SEQUENCES: 498
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Suite 4700
STATE: Los Angeles
COUNTRY: California
ZIP: 90071-2066
COMPUTER READABLE FORM:

```

```

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: Storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION NUMBER:
APPLICATION NUMBER: US/09/064,156A
FILING DATE: April 21, 1998
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/774,306
FILING DATE: December 26, 1996
APPLICATION NUMBER: 08/182,968
FILING DATE: January 13, 1994
APPLICATION NUMBER: 07/882,888
FILING DATE: May 14, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Marburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 234/083
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEO ID NO: 34:
SEQUENCE CHARACTERISTICS:
LENGTH: 15
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-064-156A-34

Query Match 3.5%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 3.9e+02;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 746 AGGGTCCAGGGTCC 760
DB 15 AGGGGCCAAGGGTAC 1

RESULT 780
US-09-064-156A-313
Sequence 313, Application US/09064156A
Patent No. 6132966
GENERAL INFORMATION:
APPLICANT: Draper, Kenneth G.
TITLE OF INVENTION: METHOD AND REAGENT FOR
TITLE OF INVENTION: INHIBITING HEPATITIS C
TITLE OF INVENTION: VIRUS REPLICATION
NUMBER OF SEQUENCES: 498
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
City: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: Storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/064,156A
FILING DATE: April 21, 1998
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/774,306
FILING DATE: December 26, 1996
APPLICATION NUMBER: 08/182,968
FILING DATE: January 13, 1994
APPLICATION NUMBER: 07/882,888
FILING DATE: May 14, 1992

```

```

FILING DATE: May 14, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 234/083
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 313:
SEQUENCE CHARACTERISTICS:
LENGTH: 15
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-064-156A-313

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```

Query Match 3.5%; Score 10.2; DB 1; Length 15;
Best Local Similarity 60.0%; Pred. No. 3.9e+02;
Matches 9; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

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QY 735 TAGGACTGTGAGG 749
    |||:|:|:|:|
Db 1 AGGCCUUGGAGG 15

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```

RESULT 781
US-09-064-156A-358
Sequence 358, Application US/09064156A
Patent No. 6132966
GENERAL INFORMATION:
APPLICANT: Draper, Kenneth G.
TITLE OF INVENTION: METHOD AND REAGENT FOR
TITLE OF INVENTION: INHIBITING HEPATITIS C
NUMBER OF SEQUENCES: 498
CORRESPONDENCE ADDRESS:
ADDRESSER: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/064,156A
FILING DATE: April 21, 1998
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/774,306
FILING DATE: December 26, 1996
APPLICATION NUMBER: 08/182,968
FILING DATE: January 13, 1994
APPLICATION NUMBER: 07/882,888
FILING DATE: May 14, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 234/083
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 358:
SEQUENCE CHARACTERISTICS:
LENGTH: 15
TYPE: nucleic acid
STRANDEDNESS: single

```

```

TOPOLOGY: linear
US-09-064-156A-358
Query Match 3.5%; Score 10.2; DB 1; Length 15;
Best Local Similarity 60.0%; Pred. No. 3.9e+02;
Matches 9; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

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QY 739 ACTGAGTGTGAGG 753
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Db 1 AGCCUGUGGUGG 15

```

```

RESULT 782
US-09-064-156A-482
Sequence 482, Application US/09064156A
Patent No. 6132966
GENERAL INFORMATION:
APPLICANT: Draper, Kenneth G.
TITLE OF INVENTION: METHOD AND REAGENT FOR
TITLE OF INVENTION: INHIBITING HEPATITIS C
NUMBER OF SEQUENCES: 498
CORRESPONDENCE ADDRESS:
ADDRESSER: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/064,156A
FILING DATE: April 21, 1998
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/774,306
FILING DATE: December 26, 1996
APPLICATION NUMBER: 08/182,968
FILING DATE: January 13, 1994
APPLICATION NUMBER: 07/882,888
FILING DATE: May 14, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 234/083
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 482:
SEQUENCE CHARACTERISTICS:
LENGTH: 15
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-064-156A-482
Query Match 3.5%; Score 10.2; DB 1; Length 15;
Best Local Similarity 60.0%; Pred. No. 3.9e+02;
Matches 9; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

```

```

QY 783 AGCCCTCTGTGAGG 797
    |||:|:|:|:|
Db 1 AGCCUGUGGUGG 15

```

```

RESULT 783
US-09-071-845-11

```

Sequence 11, Application US/09071845
Patent No. 6132967
GENERAL INFORMATION:
APPLICANT: Susan Grimm
APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwiggen
APPLICANT: Sean Sullivan
APPLICANT: Kenneth G. Draper
TITLE OF INVENTION: RIBOZYME TREATMENT OF
DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: INTRACELLULAR ADHESION
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
NUMBER OF SEQUENCES: 2390
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/071,845
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/292,620
FILING DATE: August 17, 1994
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ. ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-071-845-11

Query Match 3.5%; Score 10.2; DB 1; Length 15;
Best Local Similarity 53.3%; Pred. No. 3.9e+02;
Matches 8; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

QY 809 TCCACTCAGGGTGG 823
DB 1 UGCUCACGAGUG 15

RESULT 784
US-09-071-845-22
Sequence 22, Application US/09071845
Patent No. 6132967
GENERAL INFORMATION:
APPLICANT: Susan Grimm
APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwiggen
APPLICANT: Sean Sullivan

APPLICANT: Kenneth G. Draper
TITLE OF INVENTION: RIBOZYME TREATMENT OF
DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: INTRACELLULAR ADHESION
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
NUMBER OF SEQUENCES: 2390
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/071,845
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/292,620
FILING DATE: August 17, 1994
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ. ID NO: 22:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-071-845-22

Query Match 3.5%; Score 10.2; DB 1; Length 15;
Best Local Similarity 60.0%; Pred. No. 3.9e+02;
Matches 9; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 726 CTCGTCTCATGAGC 740
DB 1 CUCUGUCCGAGAC 15

RESULT 785
US-09-071-845-592/c
Sequence 592, Application US/09071845
Patent No. 6132967
GENERAL INFORMATION:
APPLICANT: Susan Grimm
APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwiggen
APPLICANT: Sean Sullivan
APPLICANT: Kenneth G. Draper
TITLE OF INVENTION: RIBOZYME TREATMENT OF
DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: INTRACELLULAR ADHESION
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
NUMBER OF SEQUENCES: 2390

```

CORRESPONDENCE ADDRESS:
ADDRESS: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/071,845
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/292,620
FILING DATE: August 17, 1994
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 592:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-071-845-592

Query Match      3.5%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 3.9e+02;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      770 CACTCTGAGGAGGAG 784
DB      15 CACTCTGAGAGCTG 1

RESULT 786
US-09-038-073-47/C
Sequence 47, Application US/09038073
Patent No. 6194150
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Daniel T.
APPLICANT: Jarvis, Thale
APPLICANT: McSwigen, James
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
NUMBER OF SEQUENCES: 2751
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage

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COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/038,073
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/585,684
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/078
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 47:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-038-073-47

Query Match      3.5%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 3.9e+02;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      933 CTCGAGAGATTGA 947
DB      15 CTCGAGATGTTTA 1

RESULT 787
US-09-038-073-53
Sequence 53, Application US/09038073
Patent No. 6194150
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Daniel T.
APPLICANT: Jarvis, Thale
APPLICANT: McSwigen, James
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
NUMBER OF SEQUENCES: 2751
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/038,073
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/585,684
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/078
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440

```

TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 53;
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-038-073-53

Query Match 3.5%; Score 10.2; DB 1; Length 15;
Best Local Similarity 46.7%; Pred. No. 3.9e+02;
Matches 7; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

QY 910 ATGAGTTATCATCA 924
| : : : : :
DB 1 AATGAGUUGCAUCA 15

RESULT 788
US-09-038-073-172
Sequence 172, Application US/09038073
Patent No. 6194150
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Daniel T.
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
NUMBER OF SEQUENCES: 2751
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/038,073
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/585,684
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/078
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 172:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-038-073-172

Query Match 3.5%; Score 10.2; DB 1; Length 15;
Best Local Similarity 60.0%; Pred. No. 3.9e+02;
Matches 9; Conservative 3; Mismatches 3; Indels 0; Gaps 0;
QY 871 AACACTTCTCTGAGA 885
| : : : : :
DB 1 AACAGUUGCCACAGA 15

RESULT 789
US-09-038-073-173
Sequence 173, Application US/09038073
Patent No. 6194150
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Daniel T.
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
NUMBER OF SEQUENCES: 2751
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/038,073
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/585,684
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/078
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 173:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-038-073-173

Query Match 3.5%; Score 10.2; DB 1; Length 15;
Best Local Similarity 53.3%; Pred. No. 3.9e+02;
Matches 8; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

QY 872 AACACTTCTCTGAGAT 886
| : : : : :
DB 1 AACAGUUGCCACAGAU 15

RESULT 790
US-09-038-073-198
Sequence 198, Application US/09038073
Patent No. 6194150
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Daniel T.
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
NUMBER OF SEQUENCES: 2751
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon

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Page 287

STREET: 633 West Fifth Street
 ZIP: 90071
 CITY: Los Angeles
 STATE: California
 COUNTRY: U.S.A.
 COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 MEDIUM TYPE: Storage
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: IBM P.C. DOS 5.0
 SOFTWARE: Fastseq Version 1.5
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/038,073
 FILING DATE:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/585,684
 FILING DATE:
 ATTORNEY/AGENT INFORMATION:
 NAME: Warburg, Richard
 REGISTRATION NUMBER: 32,327
 REFERENCE/DOCKET NUMBER: 218/078
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (213) 489-1600
 TELEFAX: (213) 955-0440
 TELEX: 67-3510
 INFORMATION FOR SEQ ID NO: 198:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 15 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 IS-09-038-073-198

| | | | | |
|-----------------------|--------|--------------------|-------|---------------|
| Query Match | 3.5%; | Score 10.2; | DB 1; | Length 15; |
| Best Local Similarity | 53.3%; | Pred. No. 3.9e+02; | | |
| Matches | 8; | Conservative | 4; | Mismatches 3; |
| | | | | Indels 0; |
| | | | | Gaps 0; |

QY 871 AACACTTTCCTGAGA 885
| | | : : : | | |
Db 1 AGCAUUUUCUGAUA 15

RESULT 791

US-09-038-073-654
 : Sequence 654, Application US/09038073
 : Patent No 6194150
 :
 : GENERAL INFORMATION:
 :
 : APPLICANT: Stinchcomb, Daniel T.
 :
 : APPLICANT: Jarvis, Thale
 :
 : APPLICANT: McSwiggen, James
 :
 : TITLE OF INVENTION: METHOD AND REAGENT FOR THE
 :
 : TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
 :
 : TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
 :
 : NUMBER OF SEQUENCES: 2/51
 :
 : CORRESPONDENCE ADDRESSES:
 :

ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FASTSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/0368,073
FILING DATE:
NOTICE: ADDITIONAL DATA

1 APPLICATION NUMBER: 08/585,684
2 FILING DATE:
3
4 ATTORNEY/AGENT INFORMATION:
5 NAME: Wabburg, Richard
6
7 REGISTRATION NUMBER: 32,327
8
9 REFERENCE/DOCKET NUMBER: 218/078
10
11 TELECOMMUNICATION INFORMATION:
12
13 TELEPHONE: (213) 489-1600
14
15 TELEFAX: (213) 955-0440
16
17 TELEX: 67-3510
18
19 INFORMATION FOR SEQ ID NO: 654:
20
21 SEQUENCE CHARACTERISTICS:
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23 LENGTH: 15 base pairs
24 TYPE: nucleic acid
25 STRANDEDNESS: single
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27 TOPOLOGY: linear
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|-----------------------|-------|--------------------|--------|---------------|
| Query Match | 3.5% | Score 10.2; | DB 1; | Length 15; |
| Best Local Similarity | 40.0% | Pred. No. 3.9e+02; | | |
| Matches | 6; | Conservative | 6; | Mismatches 3; |
| | | | Indels | 0; |
| | | | Gaps | 0; |

```

QY      892 TACTTCTCAGCTTCT 906
      :||:|:|:|:|:
Db      1 UACAUCUCUGUUUCU 15

```

RESULT 792

US-09-038-073-1201
 : Sequence 1201, Application US/09038073
 : Patent No. 6194150
 :
 : GENERAL INFORMATION:
 :
 : APPLICANT: Stinchcomb, Daniel T.
 :
 : APPLICANT: Jarvis, Thale
 :
 : APPLICANT: McSwiggen, James
 :
 : TITLE OF INVENTION: METHOD AND REAGENT FOR THE
 :
 : TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
 :
 : TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
 :
 : NUMBER OF SEQUENCES: 2751
 :
 : CORRESPONDENCE ADDRESSES:
 :

;; ADDRESSEE: Lyon & Lyon
;; STREET: 633 West Fifth Street
;; STREET: Suite 4700
;;

CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.

```

; ZIP: 90071
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
;

```

```

; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
;

```

```

; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/038,073

```

```

; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/585,684

```

;; FILING DATE:
;; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard

```

;
; REGISTRATION NUMBER: 32,327
;
; REFERENCE/DOCKET NUMBER: 218/078
;
; TELECOMMUNICATION INFORMATION:

```

TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510

```

; INFORMATION FOR SEQ ID NO: 1201:
;
; SEQUENCE CHARACTERISTICS:
;
; LENGTH: 15 base pairs
;
; EVNT: 2001-01-01

```

```

TYPE: nucleic acid
STRANDEDNESS: single
TOPOLGCV: 1

```


MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Fast-SEO Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/038,073
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/585,684
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEO ID NO: 1358:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-038-073-1358

Query Match 3.5%; Score 10.2; DB 1; Length 15;
Best Local Similarity 66.7%; Pred. No. 3.9e+02;
Matches 10; Conservative 2; Mismatches 3; Indels 0; Gaps 0;
QY 756 GGCTCCTAGCCCTCC 770
DB 1 GGACCCUCAGCCUCC 15

RESULT 796
US-09-038-073-1379/c
Sequence 1379, Application US/09038073
Patent No. 6194150
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Daniel T.
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
INDUCTION OF GRAFT TOLERANCE
TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
NUMBER OF SEQUENCES: 2751
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Fast-SEO Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/038,073
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/585,684
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEO ID NO: 2105:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-038-073-2105

TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEO ID NO: 1379:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-038-073-1379

Query Match 3.5%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 3.9e+02;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 934 TCCAGAGATTTCAC 948
DB 15 TCCAGAGATTTCAC 1

RESULT 797
US-09-038-073-2105/c
Sequence 2105, Application US/09038073
Patent No. 6194150
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Daniel T.
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
INDUCTION OF GRAFT TOLERANCE
TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
NUMBER OF SEQUENCES: 2751
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Fast-SEO Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/038,073
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/585,684
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEO ID NO: 2105:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-038-073-2105

Query Match 3.5%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 3.9e+02;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Db 15 TTTTGAAGGAGA 1

RESULT 798
US-09-038-073-2106/c
; Sequence 2106, Application US/09038073
; Patent No. 6194150
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; NUMBER OF INVENTIONS: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 MB
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/038,073
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/585,684
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/078
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2106:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-038-073-2106
Query Match 3.5%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 3.9e+02;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 942 ATTTAGCAGAG 956
Db 15 ATTTGGAAGAG 1

RESULT 799
US-08-410-390-2
; Sequence 2, Application US/08410390
; Patent No. 6214974
; GENERAL INFORMATION:
; APPLICANT: Rosenblum, Michael G.
; APPLICANT: Donato, Nicholas J.
; TITLE OF INVENTION: Avidin Biotin Immunconjugates
; FILE REFERENCE: D5702C
; CURRENT APPLICATION NUMBER: US/08/410,390
; CURRENT FILING DATE: 1995-03-27
; PRIOR APPLICATION NUMBER: US 08/192,655

PRIOR FILING DATE: 1994-07-02
; NUMBER OF SEQ ID NOS: 3
; SEQ ID NO 2
; LENGTH: 15
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE: Antisense nucleic acid sequence against
; OTHER INFORMATION: translation start site in bFGF mRNA
US-08-410-390-2

Query Match 3.5%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 3.9e+02;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 747 GGGTCCAGGATCC 761
Db 1 GGGTCCAGGATCC 15

RESULT 800
US-09-490-273A-7/c
; Sequence 7, Application US/09490273A
; Patent No. 6265170
; GENERAL INFORMATION:
; APPLICANT: Picard, Pierre
; APPLICANT: Dakis, Jasmine
; TITLE OF INVENTION: HOWGENEOUS ASSAY OF DUPLEX OR TRIPLEX
; TITLE OF INVENTION: HYBRIDIZATION BY MEANS OF MULTIPLE MEASUREMENTS
; FILE REFERENCE: E1047/20031
; CURRENT APPLICATION NUMBER: US/09/490,273A
; CURRENT FILING DATE: 2000-01-24
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 7
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE: Description of Artificial Sequence: derived from
; OTHER INFORMATION: exon 10 of the human cystic fibrosis gene
US-09-490-273A-7

Query Match 3.5%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 3.9e+02;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 970 CTCTAATCTGGTGT 984
Db 15 CACTAATATGTAT 1

RESULT 801
US-09-368-089-1
; Sequence 1, Application US/09368089
; Patent No. 6280946
; GENERAL INFORMATION:
; APPLICANT: Hyldig-Nielsen, Jens J.
; APPLICANT: O'Keefe, Heather P.
; TITLE OF INVENTION: PNA Probes, Probe Sets, Methods and Kits Pertaining To
; TITLE OF INVENTION: The Universal Detection Of Bacteria and Eucarya
; FILE REFERENCE: BP980505
; CURRENT APPLICATION NUMBER: US/09/368,089
; CURRENT FILING DATE: 1999-08-03
; EARLIER APPLICATION NUMBER: 60/095,628
; EARLIER FILING DATE: 1998-08-07
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 1
; LENGTH: 15
; TYPE: DNA

```
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Combined DNA/RNA Molecule: PNA
/ OTHER INFORMATION: Probing Nucleobase Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: PNA Probing
/ OTHER INFORMATION: Nucleobase Sequence
US-09-368-089-1
```

```
Query Match          3.5%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 3.9e+02;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      857 CTGGCTCCAGTTGGA 871
      |||||
Db      1 CTGGCTCCCGTAGGA 15
```

```
RESULT 802
US-09-225-048-1/c
/ Sequence 1, Application US/09225048
/ Patent No. 6326479
/ GENERAL INFORMATION:
/ APPLICANT: GILDEA, BRIAN D.
/ APPLICANT: COYLE, JAMES M.
/ TITLE OF INVENTION: SYNTHETIC POLYMERS AND METHODS, KIT OR COMPOSITIONS FOR
/ TITLE OF INVENTION: MODULATING THE SOLUBILITY OF SAME
/ FILE REFERENCE: BP9801US
/ CURRENT APPLICATION NUMBER: US/09/225,048
/ CURRENT FILING DATE: 1999-01-04
/ EARLIER APPLICATION NUMBER: 60/072,772
/ EARLIER FILING DATE: 1998-01-27
/ NUMBER OF SEQ ID NOS: 1
/ SOFTWARE: Patentin Ver. 2.0
/ SEQ ID NO 1
/ LENGTH: 15
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: SYNTHETIC
/ OTHER INFORMATION: OLIGONUCLEOTIDE WHICH IS COMPLEMENTARY TO PNA;
/ OTHER INFORMATION: USED FOR TM ANALYSIS
US-09-225-048-1
```

```
Query Match          3.5%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 3.9e+02;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      857 CTGGCTCCAGTTGGA 871
      |||||
Db      15 CTGGCTCCCGTAGGA 1
```

```
RESULT 803
US-09-580-794C-6/c
/ Sequence 6, Application US/09580794C
/ Patent No. 6331389
/ GENERAL INFORMATION:
/ APPLICANT: Struyver, Lieven
/ APPLICANT: Louwagie, Joost
/ APPLICANT: Kossau, Rudi
/ TITLE OF INVENTION: METHOD FOR DETECTION OF DRUG-INDUCED MUTATIONS IN THE REVERSE
/ FILE REFERENCE: INNS008--2
/ CURRENT APPLICATION NUMBER: US/09/580,794C
/ CURRENT FILING DATE: 2000-05-30
/ PRIOR APPLICATION NUMBER: 08/913,833 now US/6,087,093
/ PRIOR FILING DATE: 1997-09-15
/ PRIOR APPLICATION NUMBER: PCT/EP 97/00211
/ PRIOR FILING DATE: 1997-01-17
/ PRIOR APPLICATION NUMBER: EP 96870005.4
/ PRIOR FILING DATE: 1996-01-26
/ PRIOR APPLICATION NUMBER: EP 96870081.5
```

```
/ PRIOR FILING DATE: 1996-06-25
/ NUMBER OF SEQ ID NOS: 164
/ SOFTWARE: Patentin version 3.0
/ SEQ ID NO 6
/ LENGTH: 15
/ TYPE: DNA
/ ORGANISM: Artificial sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic Primer
US-09-580-794C-6
```

```
Query Match          3.5%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 3.9e+02;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      830 TCTCTTTCTCTCT 844
      |||||
Db      15 TCTTTTCATCTCT 1
```

```
RESULT 804
US-09-081-646-268/c
/ Sequence 268, Application US/09081646
/ Patent No. 6333152
/ GENERAL INFORMATION:
/ APPLICANT: Kinzler, Kenneth
/ APPLICANT: Vogelstein, Bert
/ APPLICANT: Zhang, Lin
/ APPLICANT: Zhou, Wei
/ TITLE OF INVENTION: Gene Expression Profiles in No. 6333152ma1 and
/ TITLE OF INVENTION: Cancer Cells
/ FILE REFERENCE: 01107,74664
/ CURRENT APPLICATION NUMBER: US/09/081,646
/ CURRENT FILING DATE: 1998-05-20
/ EARLIER APPLICATION NUMBER: 60/047,352
/ EARLIER FILING DATE: 1997-05-21
/ NUMBER OF SEQ ID NOS: 871
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 268
/ LENGTH: 15
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-081-646-268
```

```
Query Match          3.5%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 3.9e+02;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      845 GAAGACAGCGTCTG 859
      |||||
Db      15 GAAGACAGCGTCTG 1
```

```
RESULT 805
US-09-081-646-439/c
/ Sequence 439, Application US/09081646
/ Patent No. 6333152
/ GENERAL INFORMATION:
/ APPLICANT: Kinzler, Kenneth
/ APPLICANT: Vogelstein, Bert
/ APPLICANT: Zhang, Lin
/ APPLICANT: Zhou, Wei
/ TITLE OF INVENTION: Gene Expression Profiles in No. 6333152ma1 and
/ TITLE OF INVENTION: Cancer Cells
/ FILE REFERENCE: 01107,74664
/ CURRENT APPLICATION NUMBER: US/09/081,646
/ CURRENT FILING DATE: 1998-05-20
/ EARLIER APPLICATION NUMBER: 60/047,352
/ EARLIER FILING DATE: 1997-05-21
/ NUMBER OF SEQ ID NOS: 871
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 439
/ LENGTH: 15
```

```
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-081-646-439

Query Match
Best Local Similarity 80.0%; Score 10.2; DB 1; Length 15;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 873 CACTTCTCTGAGATG 887
Db 15 CACTTCTCTGAGATG 1

RESULT 806
US-09-081-646-477
/ Sequence 477, Application US/09081646
/ Patent No. 6333152
/ GENERAL INFORMATION:
/ APPLICANT: Kinzler, Kenneth
/ APPLICANT: Vogelstein, Bert
/ APPLICANT: Zhang, Lin
/ APPLICANT: Zhou, Wei
/ TITLE OF INVENTION: Gene Expression Profiles in No. 6333152mal and
/ TITLE OF INVENTION: Cancer Cells
/ FILE REFERENCE: 01107.74664
/ CURRENT APPLICATION NUMBER: US/09/081,646
/ EARLIER FILING DATE: 1998-05-20
/ EARLIER APPLICATION NUMBER: 60/047,352
/ NUMBER OF SEQ ID NOS: 871
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 477
/ LENGTH: 15
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-081-646-477

Query Match
Best Local Similarity 80.0%; Score 10.2; DB 1; Length 15;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 920 CATCACCACCCTCT 934
Db 1 CATCACCACCCTCT 15

RESULT 807
US-09-081-646-569/C
/ Sequence 569, Application US/09081646
/ Patent No. 6333152
/ GENERAL INFORMATION:
/ APPLICANT: Kinzler, Kenneth
/ APPLICANT: Vogelstein, Bert
/ APPLICANT: Zhang, Lin
/ APPLICANT: Zhou, Wei
/ TITLE OF INVENTION: Gene Expression Profiles in No. 6333152mal and
/ TITLE OF INVENTION: Cancer Cells
/ FILE REFERENCE: 01107.74664
/ CURRENT APPLICATION NUMBER: US/09/081,646
/ EARLIER FILING DATE: 1998-05-20
/ EARLIER APPLICATION NUMBER: 60/047,352
/ EARLIER FILING DATE: 1997-05-21
/ NUMBER OF SEQ ID NOS: 871
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 569
/ LENGTH: 15
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-081-646-569

Query Match
Best Local Similarity 80.0%; Score 10.2; DB 1; Length 15;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 729 TGGTCATAGACTTG 743
Db 15 TGGTCATAGACTTG 1

RESULT 808
US-09-081-646-843/C
/ Sequence 843, Application US/09081646
/ Patent No. 6333152
/ GENERAL INFORMATION:
/ APPLICANT: Kinzler, Kenneth
/ APPLICANT: Vogelstein, Bert
/ APPLICANT: Zhang, Lin
/ APPLICANT: Zhou, Wei
/ TITLE OF INVENTION: Gene Expression Profiles in No. 6333152mal and
/ TITLE OF INVENTION: Cancer Cells
/ FILE REFERENCE: 01107.74664
/ CURRENT APPLICATION NUMBER: US/09/081,646
/ EARLIER FILING DATE: 1998-05-20
/ EARLIER APPLICATION NUMBER: 60/047,352
/ EARLIER FILING DATE: 1997-05-21
/ NUMBER OF SEQ ID NOS: 871
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 843
/ LENGTH: 15
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-081-646-843

Query Match
Best Local Similarity 80.0%; Score 10.2; DB 1; Length 15;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 845 GAAGACAGCGCTCTG 859
Db 15 GAAGACAGCGCTCTG 1

RESULT 809
US-08-337-120A-25
/ Sequence 25, Application US/08337120A
/ Patent No. 6348312
/ GENERAL INFORMATION:
/ APPLICANT: Peyman, Anuschirwan
/ APPLICANT: Uhlmann, Eugen
/ APPLICANT: Mag, Mathias
/ APPLICANT: Kretschmar, Gerhard
/ APPLICANT: Helberg, Mathias
/ APPLICANT: Winkler, Irvin
/ TITLE OF INVENTION: Stabilized Oligonucleotides And Their
/ TITLE OF INVENTION: Use
/ NUMBER OF SEQUENCES: 33
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &
/ STREET: 1300 I Street, N.W., Suite 700
/ CITY: Washington
/ STATE: D.C.
/ COUNTRY: USA
/ ZIP: 20005-3315
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/337,120A
/ FILING DATE: 12-NOV-1994
/ CLASSIFICATION: 514
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: DE P 43 38 704.7
/ FILING DATE: 12-NOV-1993
```

```
ATTORNEY/AGENT INFORMATION:
NAME: Einaudi, Carol P.
REGISTRATION NUMBER: 32,220
REFERENCE/DOCKET NUMBER: 02481.1409-00000
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202)408-4000
TELEFAX: (202)408-4400
INFORMATION FOR SEQ ID NO: 25:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-337-120A-25
```

```
Query Match          3.5%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 3.9e+02;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      747 GGCTCCCGAGGCTCC 761
DB      1 GGCTGCCATGCTCCC 15
```

```
RESULT 810
US-09-531-000-54
Sequence 54, Application US/09531000
Patent No. 646,810
GENERAL INFORMATION:
APPLICANT: JOHNSON, Marion D.
APPLICANT: FRESCO, Jacques R.
TITLE OF INVENTION: TRIPLEX IN-SITU HYBRIDIZATION
FILE REFERENCE: 2448-103
CURRENT APPLICATION NUMBER: US/09/531,000
PRIOR FILING DATE: 2000-09-08
PRIOR APPLICATION NUMBER: PCT/US98/23765
PRIOR FILING DATE: 1998-11-10
PRIOR APPLICATION NUMBER: 60/064,997
PRIOR FILING DATE: 1997-11-10
NUMBER OF SEQ ID NOS: 77
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 54
LENGTH: 15
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Target
US-09-531-000-54
```

```
Query Match          3.5%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 3.9e+02;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      830 TCTCTTTCTCTCT 844
DB      1 TTTTTCCTCTCT 15
```

```
RESULT 811
US-09-295-961-1/c
Sequence 1, Application US/09295961
Patent No. 6537799
GENERAL INFORMATION:
APPLICANT: Chow, Calvin Y.H.
TITLE OF INVENTION: Electrical Current for Controlling Fluid Parameters in
TITLE OF INVENTION: Microchannels
FILE REFERENCE: 100/01340
CURRENT APPLICATION NUMBER: US/09/295,961
CURRENT FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: 08/977,528
EARLIER FILING DATE: 1997-11-25
```

```
EARLIER APPLICATION NUMBER: 60/056,058
EARLIER FILING DATE: 1997-09-02
NUMBER OF SEQ ID NOS: 2
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 1
LENGTH: 15
TYPE: DNA
ORGANISM: synthetic construct
US-09-295-961-1
```

```
Query Match          3.5%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 3.9e+02;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      817 AGGTTGGCTGTGTC 831
DB      15 AGGAGTAGCTGTGTC 1
```

```
RESULT 812
US-09-295-961-2
Sequence 2, Application US/09295961
Patent No. 6537799
GENERAL INFORMATION:
APPLICANT: Chow, Calvin Y.H.
TITLE OF INVENTION: Electrical Current for Controlling Fluid Parameters in
TITLE OF INVENTION: Microchannels
FILE REFERENCE: 100/01340
CURRENT APPLICATION NUMBER: US/09/295,961
PRIOR FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: 08/977,528
EARLIER FILING DATE: 1997-11-25
EARLIER APPLICATION NUMBER: 60/056,058
EARLIER FILING DATE: 1997-09-02
NUMBER OF SEQ ID NOS: 2
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 2
LENGTH: 15
TYPE: DNA
ORGANISM: synthetic construct
US-09-295-961-2
```

```
Query Match          3.5%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 3.9e+02;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      817 AGGTTGGCTGTGTC 831
DB      1 AGGAGTAGCTGTGTC 15
```

```
RESULT 813
US-09-822-763-1
Sequence 1, Application US/09822763
Patent No. 6656687
GENERAL INFORMATION:
APPLICANT: Hyldig-Nielsen, Jens J.
APPLICANT: O'Keefe, Heather P.
TITLE OF INVENTION: PNA Probes, Probe Sets, Methods And Kits Pertaining To
TITLE OF INVENTION: The Universal Detection Of Bacteria And Eucarya
FILE REFERENCE: B9805US-CN1
CURRENT APPLICATION NUMBER: US/09/822,763
CURRENT FILING DATE: 2001-03-30
PRIOR APPLICATION NUMBER: 09/368,089
PRIOR FILING DATE: 1999-08-03
NUMBER OF SEQ ID NOS: 8
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 1
LENGTH: 15
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Combined DNA/RNA Molecule: Probing
```

OTHER INFORMATION: Nucleobase Sequence
OTHER INFORMATION: Description of Artificial Sequence: Probing
OTHER INFORMATION: Nucleobase Sequence
US-09-822-763-1

Query Match 3.5%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 3.9e+02;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 857 CTGGCTCCAGTTGGA 871
1 CTGGCTCCAGTTGGA 15

RESULT 814
US-10-032-307-80/c
Sequence 80, Application US/10032307

PATENT INFORMATION:
APPLICANT: Demsey, Robert O.
APPLICANT: Gail, Alexander A.
APPLICANT: Lohov, Sergey G.
APPLICANT: Afonina, Irina A.
APPLICANT: Singer, Michael J.
APPLICANT: Kutyavlin, Igor V.
APPLICANT: Vermeulen, Nicolaas M.J.
TITLE OF INVENTION: T-m Leveling Methods
FILE REFERENCE: 17682A-003630US
CURRENT APPLICATION NUMBER: US/10/032,307
CURRENT FILING DATE: 2001-12-21
PRIOR APPLICATION NUMBER: US 09/054,830
PRIOR FILING DATE: 1998-04-03
PRIOR APPLICATION NUMBER: US 09/054,832
PRIOR FILING DATE: 1998-04-03
PRIOR APPLICATION NUMBER: US 09/431,385
PRIOR FILING DATE: 1999-11-01
PRIOR APPLICATION NUMBER: US 60/186,046
PRIOR FILING DATE: 2000-03-01
PRIOR APPLICATION NUMBER: US 09/640,953
PRIOR FILING DATE: 2000-08-16
PRIOR APPLICATION NUMBER: US 09/724,959
PRIOR FILING DATE: 2000-11-28
PRIOR APPLICATION NUMBER: US 09/796,988
PRIOR FILING DATE: 2001-02-28
NUMBER OF SEQ ID NOS: 90
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 80
LENGTH: 15
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: probe sequence
US-10-032-307-80

Query Match 3.5%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 3.9e+02;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 824 GCTGTCTCTCTTTC 838
15 GCTGTCTCTCTTTC 1

RESULT 815
PCT-US92-08094-65
Sequence 65, Application PC/TUS9208094
GENERAL INFORMATION:
APPLICANT: GENENTECH, INC.
APPLICANT: Amendo, Edward P.
TITLE OF INVENTION: DIAGNOSING AND TREATING AUTOIMMUNE
CURRENT APPLICATION DATA:
NUMBER OF SEQUENCES: 80

CORRESPONDENCE ADDRESS:
ADDRESSEE: Genentech, Inc.
STREET: 460 Point San Bruno Blvd
CITY: South San Francisco
STATE: California
COUNTRY: USA
ZIP: 94080-4990

COMPUTER READABLE FORM:
MEDIUM TYPE: 5.25 inch, 360 Kb floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: patin (Genentech)

CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US92/08094
FILING DATE: 19920923
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/765222
FILING DATE: 23-SEP-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/779445
FILING DATE: 18-OCT-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/853362
FILING DATE: 18-MAR-1992
ATTORNEY/AGENT INFORMATION:
NAME: Hensley, Max D.
REGISTRATION NUMBER: 27,043
REFERENCE/DOCKET NUMBER: 734P3
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415/225-1994
TELEFAX: 415/952-9881
TELEX: 910/371-7168
INFORMATION FOR SEQ ID NO: 65:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 bases
TYPE: NUCLEIC ACID
STRANDEDNESS: single
TOPOLOGY: linear
PCT-US92-08094-65

Query Match 3.5%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 3.9e+02;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 811 CAAGTCAGGTTGGC 825
1 CAAGTCAGGTTGGC 15

RESULT 816
PCT-US95-05420-1
Sequence 1, Application PC/TUS9505420
GENERAL INFORMATION:
APPLICANT: Dzaou, Victor J.
APPLICANT: Kaneda, Yasufumi
TITLE OF INVENTION: METHOD FOR IN VIVO DELIVERY OF
TITLE OF INVENTION: THERAPEUTIC AGENTS VIA LIPOSOMES
NUMBER OF SEQUENCES: 34
CORRESPONDENCE ADDRESS:
ADDRESSEE: FLEHR, HOERBACH, TEST, ALBRITTON & HERBERT
STREET: 4 Embarcadero Center, Suite 3400
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-4187
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/05420

FILING DATE: 28 April 1995
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Rowland, Bertram I
REGISTRATION NUMBER: 20,015
REFERENCE/DOCKET NUMBER: PP-59079-1/BIR
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 781-1989
TELEFAX: (415) 398-3249
TELEX: 910 277299
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
PCT-US95-05420-1

Query Match 3.5%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 3.9e+02;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 747 GGCTCCAGGCTCCC 761
Db 1 GGCTGCCATGCTCCC 15

RESULT 817
PCT-US95-05420-2/c
Sequence 2, Application PC/TUS9505420
GENERAL INFORMATION:
APPLICANT: Dzau, Victor J
APPLICANT: Kaneda, Yasufumi
TITLE OF INVENTION: METHOD FOR IN VIVO DELIVERY OF
TITLE OF INVENTION: THERAPEUTIC AGENTS VIA LIPOSOMES
NUMBER OF SEQUENCES: 34
CORRESPONDENCE ADDRESS:
ADDRESSEE: FLEHR, HOBBACH, TEST, ALBRITTON & HERBERT
STREET: 4 Embarcadero Center, Suite 3400
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-4187
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/05420
FILING DATE: 28 April 1995
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Rowland, Bertram I
REGISTRATION NUMBER: 20,015
REFERENCE/DOCKET NUMBER: PP-59079-1/BIR
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 781-1989
TELEFAX: (415) 398-3249
TELEX: 910 277299
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
PCT-US95-05420-2

Query Match 3.5%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 3.9e+02;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 747 GGCTCCAGGCTCCC 761
Db 15 GGCTGCCATGCTCCC 1

RESULT 818
PCT-US95-05420-12
Sequence 12, Application PC/TUS9505420
GENERAL INFORMATION:
APPLICANT: Dzau, Victor J
APPLICANT: Kaneda, Yasufumi
TITLE OF INVENTION: METHOD FOR IN VIVO DELIVERY OF
TITLE OF INVENTION: THERAPEUTIC AGENTS VIA LIPOSOMES
NUMBER OF SEQUENCES: 34
CORRESPONDENCE ADDRESS:
ADDRESSEE: FLEHR, HOBBACH, TEST, ALBRITTON & HERBERT
STREET: 4 Embarcadero Center, Suite 3400
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-4187
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/05420
FILING DATE: 28 April 1995
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Rowland, Bertram I
REGISTRATION NUMBER: 20,015
REFERENCE/DOCKET NUMBER: PP-59079-1/BIR
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 781-1989
TELEFAX: (415) 398-3249
TELEX: 910 277299
INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
PCT-US95-05420-12

Query Match 3.5%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 3.9e+02;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 747 GGCTCCAGGCTCCC 761
Db 1 GGCTGCCATGCTCCC 15

RESULT 819
PCT-US95-05420-13/c
Sequence 13, Application PC/TUS9505420
GENERAL INFORMATION:
APPLICANT: Dzau, Victor J
APPLICANT: Kaneda, Yasufumi
TITLE OF INVENTION: METHOD FOR IN VIVO DELIVERY OF
TITLE OF INVENTION: THERAPEUTIC AGENTS VIA LIPOSOMES
NUMBER OF SEQUENCES: 34
CORRESPONDENCE ADDRESS:
ADDRESSEE: FLEHR, HOBBACH, TEST, ALBRITTON & HERBERT
STREET: 4 Embarcadero Center, Suite 3400
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-4187

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/05420
FILING DATE: 28 April 1995
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Rowland, Bettram I
REGISTRATION NUMBER: 20,015
REFERENCE/DOCKET NUMBER: FP-59079-1/BIR
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 781-1989
TELEFAX: (415) 398-3249
TELEX: 910 277299
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
PCT-US95-05420-13

Query Match 3.5%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 3.9e+02;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 747 GGATCCAGGATCC 761
DB 15 GGCTGCATGATCC 1

RESULT 820
PCT-US95-09237-3/c
Sequence 3, Application PC/TUS9509237
GENERAL INFORMATION:
APPLICANT: Pinner, James B
APPLICANT: Malinowski, Douglas P
APPLICANT: Vonk, Glenn P
APPLICANT: Gold, Larry
TITLE OF INVENTION: Spectroscopically Detectable Nucleic
ACID LIGANDS
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Swanson, Barry J.
STREET: 8400 E. Prentice Avenue, Suite 200
CITY: Englewood
STATE: CO
COUNTRY: USA
ZIP: 80111
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch diskette
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: MS-DOS
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/09237
FILING DATE: 21 JULY 1995
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Swanson, Barry J.
REGISTRATION NUMBER: 33,215
REFERENCE/DOCKET NUMBER: NEX-BEC/PCT
TELECOMMUNICATION INFORMATION:
TELEPHONE: 303 793 3433
TELEFAX: 303 793 3433
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid

STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
PCT-US95-09237-3

Query Match 3.5%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 3.9e+02;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 918 ATCATCCACGACC 932
DB 15 ACCACACGACGACC 1

RESULT 821
PCT-US95-11985A-19/c
Sequence 19, Application PC/TUS9511985A
GENERAL INFORMATION:
APPLICANT: BEUTEL, Bruce A.
APPLICANT: BERTELSEN, Arthur H.
APPLICANT: COOK, Alan F.
APPLICANT: GAO, Helian
APPLICANT: JOESTEN, Michael
APPLICANT: MACAYA, Roman
TITLE OF INVENTION: Quadruplex/Duplex Antithrombotic Oligonucleotides
NUMBER OF SEQUENCES: 43
CORRESPONDENCE ADDRESSES:
ADDRESSEE: CARELIA, BYRNE, BAIN, GILFILLAN,
STREET: 6 BECKER FARM ROAD
CITY: ROSELAND
STATE: NEW JERSEY
COUNTRY: USA
ZIP: 07068
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 INCH DISKETTE
COMPUTER: IBM PS/2
OPERATING SYSTEM: MS-DOS
SOFTWARE: WORD PERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/11985A
FILING DATE: Submitted herewith
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: None
FILING DATE: None
ATTORNEY/AGENT INFORMATION:
NAME: HERRON, CHARLES J.
REGISTRATION NUMBER: 28,019
REFERENCE/DOCKET NUMBER: 23550-150
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201-994-1700
TELEFAX: 201-994-1744
INFORMATION FOR SEQ ID NO: 19:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 NUCLEOTIDES
TYPE: NUCLEIC ACID
STRANDEDNESS: SINGLE
TOPOLOGY: LINEAR
MOLECULE TYPE: NUCLEIC ACID
PCT-US95-11985A-19

Query Match 3.5%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 3.9e+02;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 918 ATCATCCACGACC 932
DB 15 ACCACACGACGACC 1

RESULT 822
PCT-US95-11985A-19

Mon Jul 12 11:21:16 2004

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Page 297

```
; Patent No. 5206353
; APPLICANT: BERGER, EDWARD A.; MOSS, BERNARD; FURST, THOMAS
; R.; PASTAN, IRA; FITZGERALD, DAVID; MIZUKAMI, TAMIO; CHAUDHARY,
; VIJAY K.
; TITLE OF INVENTION: CD-4/CYTOTOXIC GENE FUSIONS
; NUMBER OF SEQUENCES: 4
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/223,270
; FILING DATE: 22-JUL-1988
; SEQ ID NO:3
; LENGTH:15
5206353-3
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Query Match 3.5%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 3.9e+02;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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QY 873 CACTTCCCTGAGATG 887
DB 15 CACTTCTCATATG 1
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RESULT 823
5428143-2/C
; Patent No. 5428143
; APPLICANT: BERGER, EDWARD A.; MOSS, BERNARD; FURST, THOMAS
; R.; PASTAN, IRA; FITZGERALD, DAVID; MIZUKAMI, TAMIO; CHAUDHARY,
; VIJAY K.
; TITLE OF INVENTION: CYTOTOXIC AGENT AGAINST SPECIFIC VIRUS
; INFECTION
; NUMBER OF SEQUENCES: 4
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/22,095
; FILING DATE: 25-FEB-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 223,270
; FILING DATE: 22-JUL-1988
; SEQ ID NO:2
; LENGTH: 15
5428143-2
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```
Query Match 3.5%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 3.9e+02;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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QY 873 CACTTCCCTGAGATG 887
DB 15 CACTTCTCATATG 1
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RESULT 824
US-09-371-772B-6987/C
; Sequence 6987, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: RIBOZYME Pharmaceuticals, Inc.
; APPLICANT: PAVCO, Pam
; APPLICANT: MCSWIGEN, Jim
; APPLICANT: STINCHCOMB, Dan
; APPLICANT: BESCOBEDO, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00, 876-J (1237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: Patent version 3.0
; SEQ ID NO 6987
; LENGTH: 16
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; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-6987
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Query Match 3.5%; Score 10.2; DB 1; Length 16;
Best Local Similarity 80.0%; Pred. No. 4.4e+02;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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QY 836 TTCTTCTCTGAGAC 850
DB 16 TGCTTCACAGAGAC 2
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RESULT 825
US-08-373-124A-1619
; Sequence 1619, Application US/08373124A
; Patent No. 5646042
; GENERAL INFORMATION:
```

```
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: MCSWIGEN, James
; APPLICANT: JARVIS, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
```

```
ADDRESS: Lyon & Lyon
STREET: 633 West Filth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
```

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COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
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CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/373,124A
FILING DATE: January 13, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
```

```
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
```

```
; INFORMATION FOR SEQ ID NO: 1619:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-373-124A-1619
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Query Match 3.5%; Score 10.2; DB 1; Length 17;
Best Local Similarity 66.7%; Pred. No. 4.9e+02;
Matches 10; Conservative 2; Mismatches 3; Indels 0; Gaps 0;
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QY 709 GAGTCCAGAGAGT 723
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DB 3 GAGUUCACAGAGAGU 17

RESULT 826

US-08-435-628-1619

Sequence 1619, Application US/08435628

Patent No. 5817796

GENERAL INFORMATION:

APPLICANT: Stinchcomb, Dan T.

APPLICANT: Draper, Kenneth

APPLICANT: McSwigen, James

APPLICANT: Jarvis, Thale

TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR

TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND

TITLE OF INVENTION: CANCER USING RIBOZYMES

NUMBER OF SEQUENCES: 2627

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon

STREET: 633 West Fifth Street

STREET: Suite 4700

CITY: Los Angeles

STATE: California

COUNTRY: U.S.A.

ZIP: 90071

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 MB

COMPUTER: IBM Compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0

SOFTWARE: Word Perfect 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/435,628

FILING DATE: 05-May-1995

CLASSIFICATION: 514

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/373,124

FILING DATE: January 13, 1995

APPLICATION NUMBER: 08/245,466

FILING DATE: May 18, 1994

APPLICATION NUMBER: 08/192,943

FILING DATE: February 7, 1994

APPLICATION NUMBER: 07/987,132

FILING DATE: December 7, 1992

APPLICATION NUMBER: 07/936,422

FILING DATE: August 26, 1992

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard

REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET INFORMATION:

TELEPHONE: (213) 489-1600

TELEPHONE: (213) 955-0440

TELEFAX: (213) 955-0440

TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 1619:

SEQUENCE CHARACTERISTICS:

LENGTH: 17 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-435-628-1619

Query Match 3.5%; Score 10.2; DB 1; Length 17;
Best Local Similarity 66.7%; Pred. No. 4.9e+02;
Matches 10; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 709 GAGTCCAGAGAGT 723
DB 3 GAGUUCACAGAGAGU 17

RESULT 827
US-09-422-978-6172

Sequence 6172, Application US/09422978

Patent No. 6537751

GENERAL INFORMATION:

APPLICANT: Cohen, Daniel

APPLICANT: Blumenfeld, Maria

APPLICANT: Chumakov, Ilya

TITLE OF INVENTION: Biallelic markers for use in constructing a high density...

FILE REFERENCE: GENSET.020CPI

CURRENT APPLICATION NUMBER: US/09/422,978

EARLIER FILING DATE: 1999-10-20

EARLIER APPLICATION NUMBER: US 09/298,850

EARLIER FILING DATE: 1999-04-21

EARLIER APPLICATION NUMBER: US 60/109,732

EARLIER FILING DATE: 1998-11-23

EARLIER APPLICATION NUMBER: US 60/082,614

EARLIER FILING DATE: 1998-04-21

NUMBER OF SEQ ID NOS: 11796

SEQ ID NO 6172

LENGTH: 19

TYPE: DNA

ORGANISM: Homo Sapiens

FEATURE:

NAME/KEY: primer_bind

LOCATION: 1..19

OTHER INFORMATION: upstream amplification primer 99-9513 for SEQ 2238,

US-09-422-978-6172

Query Match 3.5%; Score 10.2; DB 1; Length 19;
Best Local Similarity 80.0%; Pred. No. 5.7e+02;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 712 TCCACGAGAGTGAC 726
DB 5 TCTCAGGAGAGTGAC 19

RESULT 828

US-09-474-922A-84

Sequence 84, Application US/09474922A

Patent No. 6187586

GENERAL INFORMATION:

APPLICANT: Brett P. Monia

APPLICANT: Lex M. Cowert

APPLICANT: Richard A. Roth

TITLE OF INVENTION: ANTISENSE MODULATION OF Akt-3 EXPRESSION

FILE REFERENCE: RTS-0036

CURRENT APPLICATION NUMBER: US/09/474,922A

CURRENT FILING DATE: 1999-12-29

NUMBER OF SEQ ID NOS: 85

SEQ ID NO 84

LENGTH: 18

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide

US-09-474-922A-84

Query Match 3.4%; Score 10; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 5.8e+02;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 933 CTCACAGAA 942
DB 3 CTCACAGAA 12

RESULT 829
US-08-390-850-1060
Sequence 1060, Application US/08390850
Patent No. 5612215
GENERAL INFORMATION:
APPLICANT: Draper, Kenneth G.
APPLICANT: Pavco, Pamela

Mon Jul 12 11:21:16 2004

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Page 299

```

/ APPLICANT: McSwiggen, James
/ APPLICANT: Gustafson, John T.
/ APPLICANT: Stinchcomb, Dan T.
/ TITLE OF INVENTION: METHOD AND REAGENT FOR TREATMENT
/ TITLE OF INVENTION: OF ARTHRITIC CONDITIONS
/ NUMBER OF SEQUENCES: 1151
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Lyon & Lyon
/ STREET: 633 West Fifth Street
/ STREET: Suite 4700
/ CITY: Los Angeles
/ STATE: California
/ COUNTRY: U.S.A.
/ ZIP: 90071
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
/ MEDIUM TYPE: storage
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: IBM P.C. DOS 5.0
/ SOFTWARE: FastSEQ Version 1.5
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/390,850
/ FILING DATE: February 17, 1995
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/354,920
/ FILING DATE: December 13, 1994
/ APPLICATION NUMBER: 08/152,487
/ FILING DATE: No. 5612215ember 12, 1993
/ APPLICATION NUMBER: 07/989,848
/ FILING DATE: December 7, 1992
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Warburg, Richard
/ REGISTRATION NUMBER: 32,327
/ REFERENCE/DOCKET NUMBER: 211/084
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (213) 489-1600
/ TELEFAX: (213) 955-0440
/ TELEX: 67-3510
/ INFORMATION FOR SEQ ID NO: 1060:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 18 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ US-08-390-850-1060

Query Match 3.4%; Score 10; DB 1; Length 18;
Best Local Similarity 66.7%; Pred. No. 5.8e+02;
Matches 12; Conservative 1; Mismatches 5; Indels 0; Gaps 0;

QY 946 TACGACAGAGAGCCAA 963
DB 1 UACACCAAGAUUUGCCAA 18

RESULT 830
US-08-435-634-1060
/ Sequence 1060 Application US/08435634
/ Patent No. 5731295
/ GENERAL INFORMATION:
/ APPLICANT: Draper, Kenneth G.
/ APPLICANT: Pavco, Pamela
/ APPLICANT: McSwiggen, James
/ APPLICANT: Gustafson, John
/ APPLICANT: Stinchcomb, Dan T.
/ TITLE OF INVENTION: METHOD AND REAGENT FOR TREATMENT
/ TITLE OF INVENTION: OF ARTHRITIC CONDITIONS
/ NUMBER OF SEQUENCES: 1151
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Lyon & Lyon
/ STREET: 633 West Fifth Street
/ STREET: Suite 4700
/ CITY: Los Angeles
```

```

/ STATE: California
/ COUNTRY: U.S.A.
/ ZIP: 90071
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
/ MEDIUM TYPE: storage
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: IBM P.C. DOS 5.0
/ SOFTWARE: FastSEQ Version 1.5
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/435,634
/ FILING DATE: 05-MAY-1995
/ CLASSIFICATION: 514
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/390,850
/ FILING DATE: February 17, 1995
/ APPLICATION NUMBER: 08/354,920
/ FILING DATE: December 13, 1994
/ APPLICATION NUMBER: 08/152,487
/ FILING DATE: No. 5731295ember 12, 1993
/ APPLICATION NUMBER: 07/989,848
/ FILING DATE: December 7, 1992
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Warburg, Richard
/ REGISTRATION NUMBER: 32,327
/ REFERENCE/DOCKET NUMBER: 211/084
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (213) 489-1600
/ TELEFAX: (213) 955-0440
/ TELEX: 67-3510
/ INFORMATION FOR SEQ ID NO: 1060:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 18 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ US-08-435-634-1060

Query Match 3.4%; Score 10; DB 1; Length 18;
Best Local Similarity 66.7%; Pred. No. 5.8e+02;
Matches 12; Conservative 1; Mismatches 5; Indels 0; Gaps 0;

QY 946 TACGACAGAGAGCCAA 963
DB 1 UACACCAAGAUUUGCCAA 18

Search completed: July 12, 2004, 10:31:10
Job time : 6 secs
```


Mon Jul 12 11:21:16 2004

rnpb.res

Page 1

GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: July 12, 2004, 10:48:08 ; Search time 0.001 Seconds
(without alignments)
1106.640 Million cell updates/sec

Title: us-10-016-149-3

Perfect score: 290

Sequence: 1 tccagcgagctcccgagagag.....taactcgtgtraggat 290

Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 0.5

Searched: 109 segs, 1908 residues

Total number of hits satisfying chosen parameters: 218

Minimum DB seq length: 8
Maximum DB seq length: 50

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 150 summaries

Database : rnpsdb:*

Pred: No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

| Result No. | Score | Query Match | Length | ID | Description |
|------------|-------|-------------|--------|------------------|-------------------|
| C 1 | 24 | 8.3 | 24 | US-10-647-426-47 | Sequence 47, App1 |
| C 2 | 20 | 6.9 | 20 | US-10-016-149-61 | Sequence 61, App1 |
| C 3 | 20 | 6.9 | 20 | US-10-016-149-62 | Sequence 62, App1 |
| C 4 | 20 | 6.9 | 20 | US-10-016-149-63 | Sequence 63, App1 |
| C 5 | 20 | 6.9 | 20 | US-10-016-149-64 | Sequence 64, App1 |
| C 6 | 20 | 6.9 | 20 | US-10-016-149-65 | Sequence 65, App1 |
| C 7 | 20 | 6.9 | 20 | US-10-016-149-66 | Sequence 66, App1 |
| C 8 | 20 | 6.9 | 20 | US-10-016-149-67 | Sequence 67, App1 |
| C 9 | 20 | 6.9 | 20 | US-10-016-149-68 | Sequence 68, App1 |
| C 10 | 20 | 6.9 | 20 | US-10-016-149-69 | Sequence 69, App1 |
| C 11 | 20 | 6.9 | 20 | US-10-016-149-70 | Sequence 70, App1 |
| C 12 | 20 | 6.9 | 20 | US-10-016-149-71 | Sequence 71, App1 |
| C 13 | 20 | 6.9 | 20 | US-10-016-149-72 | Sequence 72, App1 |
| C 14 | 20 | 6.9 | 20 | US-10-016-149-73 | Sequence 73, App1 |
| C 15 | 20 | 6.9 | 20 | US-10-016-149-74 | Sequence 74, App1 |
| C 16 | 20 | 6.9 | 20 | US-10-016-149-75 | Sequence 75, App1 |
| C 17 | 20 | 6.9 | 20 | US-10-016-149-76 | Sequence 76, App1 |
| C 18 | 20 | 6.9 | 20 | US-10-016-149-77 | Sequence 77, App1 |
| C 19 | 20 | 6.9 | 20 | US-10-016-149-78 | Sequence 78, App1 |
| C 20 | 20 | 6.9 | 20 | US-10-016-149-79 | Sequence 79, App1 |
| C 21 | 20 | 6.9 | 20 | US-10-016-149-80 | Sequence 80, App1 |
| C 22 | 20 | 6.9 | 20 | US-10-016-149-81 | Sequence 81, App1 |
| C 23 | 20 | 6.9 | 20 | US-10-016-149-82 | Sequence 82, App1 |
| C 24 | 20 | 6.9 | 20 | US-10-016-149-83 | Sequence 83, App1 |
| C 25 | 20 | 6.9 | 20 | US-10-016-149-84 | Sequence 84, App1 |
| C 26 | 20 | 6.9 | 20 | US-10-016-149-85 | Sequence 85, App1 |
| C 27 | 20 | 6.9 | 20 | US-10-016-149-86 | Sequence 86, App1 |
| C 28 | 20 | 6.9 | 20 | US-10-016-149-87 | Sequence 87, App1 |
| C 29 | 20 | 6.9 | 20 | US-10-016-149-88 | Sequence 88, App1 |
| C 30 | 20 | 6.9 | 20 | US-10-016-149-89 | Sequence 89, App1 |
| C 31 | 20 | 6.9 | 20 | US-10-016-149-90 | Sequence 90, App1 |
| C 32 | 20 | 6.9 | 20 | US-10-016-149-91 | Sequence 91, App1 |
| C 33 | 20 | 6.9 | 20 | US-10-016-149-92 | Sequence 92, App1 |

| | | | | | |
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| C 34 | 15.2 | 5.2 | 20 | US-10-144-577-46 | Sequence 46, App1 |
| C 35 | 15.2 | 5.2 | 20 | US-10-298-123-32 | Sequence 32, App1 |
| C 36 | 15.2 | 5.2 | 20 | US-10-298-123-63 | Sequence 63, App1 |
| C 37 | 15.2 | 5.2 | 20 | US-10-151-754B-30 | Sequence 30, App1 |
| C 38 | 14.8 | 5.1 | 19 | US-10-251-117-188 | Sequence 188, App |
| C 39 | 14.8 | 5.1 | 19 | US-10-251-117-437 | Sequence 437, App |
| C 40 | 14.8 | 5.1 | 19 | US-10-251-117-685 | Sequence 685, App |
| C 41 | 14.8 | 5.1 | 19 | US-10-251-117-992 | Sequence 992, App |
| C 42 | 14.4 | 5.0 | 17 | US-10-061-201-1115 | Sequence 1115, App |
| C 43 | 14.4 | 5.0 | 17 | US-10-061-201-1117 | Sequence 1117, App |
| C 44 | 14.4 | 5.0 | 17 | US-09-922-261-299 | Sequence 299, App |
| C 45 | 13.8 | 4.8 | 17 | US-09-780-533A-13 | Sequence 13, App1 |
| C 46 | 13.8 | 4.8 | 17 | US-09-780-533A-772 | Sequence 772, App |
| C 47 | 13.8 | 4.8 | 17 | US-09-780-533A-773 | Sequence 773, App |
| C 48 | 13.4 | 4.6 | 17 | US-09-776-474-1062 | Sequence 1062, App |
| C 49 | 13.4 | 4.6 | 17 | US-10-061-201-1114 | Sequence 1114, App |
| C 50 | 13.4 | 4.6 | 17 | US-10-061-201-1118 | Sequence 1118, App |
| C 51 | 13.4 | 4.6 | 17 | US-10-338-777-363 | Sequence 363, App |
| C 52 | 13.4 | 4.6 | 17 | US-10-676-154-486 | Sequence 486, App |
| C 53 | 13 | 4.5 | 16 | US-10-712-672-1631 | Sequence 1631, App |
| C 54 | 13 | 4.5 | 17 | US-10-712-672-108 | Sequence 108, App |
| C 55 | 13 | 4.5 | 17 | US-10-712-672-837 | Sequence 837, App |
| C 56 | 12.8 | 4.4 | 17 | US-09-866-108-227 | Sequence 227, App |
| C 57 | 12.8 | 4.4 | 17 | US-09-866-108-228 | Sequence 228, App |
| C 58 | 12.8 | 4.4 | 17 | US-09-866-108-6096 | Sequence 6096, App |
| C 59 | 12.8 | 4.4 | 17 | US-09-866-108-6097 | Sequence 6097, App |
| C 60 | 12.8 | 4.4 | 17 | US-09-730-289B-490 | Sequence 490, App |
| C 61 | 12.8 | 4.4 | 17 | US-09-780-533A-771 | Sequence 771, App |
| C 62 | 12.8 | 4.4 | 17 | US-09-780-533A-1724 | Sequence 1724, App |
| C 63 | 12.8 | 4.4 | 17 | US-09-848-754A-3427 | Sequence 3427, App |
| C 64 | 12.8 | 4.4 | 17 | US-09-848-754A-3428 | Sequence 3428, App |
| C 65 | 12.8 | 4.4 | 17 | US-09-776-474-812 | Sequence 812, App |
| C 66 | 12.8 | 4.4 | 17 | US-09-780-154-859 | Sequence 859, App |
| C 67 | 12.8 | 4.4 | 17 | US-09-740-332-3350 | Sequence 4350, App |
| C 68 | 12.8 | 4.4 | 17 | US-09-817-879-4350 | Sequence 4350, App |
| C 69 | 12.8 | 4.4 | 17 | US-09-918-715-323 | Sequence 715, App |
| C 70 | 12.8 | 4.4 | 17 | US-10-060-756A-1567 | Sequence 1567, App |
| C 71 | 12.8 | 4.4 | 17 | US-10-060-756A-1568 | Sequence 1568, App |
| C 72 | 12.8 | 4.4 | 17 | US-10-211-059-153 | Sequence 153, App |
| C 73 | 12.8 | 4.4 | 17 | US-10-211-059-154 | Sequence 154, App |
| C 74 | 12.8 | 4.4 | 17 | US-10-061-201-715 | Sequence 715, App |
| C 75 | 12.8 | 4.4 | 17 | US-10-061-201-716 | Sequence 716, App |
| C 76 | 12.8 | 4.4 | 17 | US-10-138-674-6327 | Sequence 6327, App |
| C 77 | 12.8 | 4.4 | 17 | US-10-287-949A-6327 | Sequence 6327, App |
| C 78 | 12.8 | 4.4 | 17 | US-10-712-672-212 | Sequence 212, App |
| C 79 | 12.8 | 4.4 | 17 | US-10-712-672-1043 | Sequence 1043, App |
| C 80 | 12.8 | 4.4 | 17 | US-10-712-672-1421 | Sequence 1421, App |
| C 81 | 12.4 | 4.3 | 16 | US-09-955-410-53 | Sequence 53, App1 |
| C 82 | 12.4 | 4.3 | 16 | US-10-154-890-53 | Sequence 53, App1 |
| C 83 | 12 | 4.1 | 15 | US-09-504-231A-1053 | Sequence 1053, App |
| C 84 | 12 | 4.1 | 15 | US-09-274-553D-1053 | Sequence 1053, App |
| C 85 | 12 | 4.1 | 15 | US-10-138-674-4136 | Sequence 4136, App |
| C 86 | 12 | 4.1 | 15 | US-10-287-949A-4136 | Sequence 4136, App |
| C 87 | 12 | 4.1 | 15 | US-10-712-672-1632 | Sequence 1632, App |
| C 88 | 11.8 | 4.1 | 15 | US-09-504-231A-1272 | Sequence 1272, App |
| C 89 | 11.8 | 4.1 | 15 | US-09-247-553D-1272 | Sequence 1272, App |
| C 90 | 11.8 | 4.1 | 15 | US-10-347-510A-6 | Sequence 6, App1 |
| C 91 | 11.8 | 4.1 | 15 | US-09-544-934B-6 | Sequence 6, App1 |
| C 92 | 11.8 | 4.1 | 15 | US-10-056-414-96 | Sequence 96, App1 |
| C 93 | 11.8 | 4.1 | 15 | US-10-056-414-285 | Sequence 285, App |
| C 94 | 11.8 | 4.1 | 15 | US-10-084-839-3561 | Sequence 3561, App |
| C 95 | 11.8 | 4.1 | 15 | US-10-091-281-113 | Sequence 113, App |
| C 96 | 11.4 | 4.1 | 15 | US-10-440-850-717 | Sequence 717, App |
| C 97 | 11.4 | 4.1 | 15 | US-09-504-231A-571 | Sequence 571, App |
| C 98 | 11.4 | 3.9 | 15 | US-09-179-536B-571 | Sequence 571, App |
| C 99 | 11.4 | 3.9 | 15 | US-09-274-553D-571 | Sequence 571, App |
| C 100 | 11.4 | 3.9 | 15 | US-09-297-576A-31 | Sequence 31, App1 |
| C 101 | 11.4 | 3.9 | 15 | US-10-136-829-1 | Sequence 1, App1 |
| C 102 | 11.4 | 3.9 | 15 | US-10-136-829-24 | Sequence 24, App1 |
| C 103 | 11.4 | 3.9 | 15 | US-10-044-674-54 | Sequence 54, App1 |
| C 104 | 11.4 | 3.9 | 15 | US-10-328-194A-4 | Sequence 4, App1 |
| C 105 | 11.4 | 3.9 | 15 | US-10-440-850-495 | Sequence 495, App |
| C 106 | 11.4 | 3.9 | 15 | US-10-418-182-194 | Sequence 194, App |

107 11.4 3.9 15 1 US-10-193-507-14 Sequence 14, Appl
C 108 11.2 3.9 17 1 US-10-061-201-1116 Sequence 1116, Ap
C 109 11.2 3.9 17 1 US-10-061-201-1117 Sequence 1117, Ap
110 11 3.8 11 1 US-10-114-322-256 Sequence 256, Appl
111 11 3.8 12 1 US-10-240-580-21 Sequence 21, Appl
112 11 3.7 20 1 US-10-016-149-65 Sequence 65, Appl
C 113 10.6 3.8 17 1 US-10-061-201-1115 Sequence 1115, Ap
C 114 10.4 3.6 20 1 US-10-016-149-79 Sequence 79, Appl
C 115 10.2 3.5 17 1 US-10-061-201-1114 Sequence 1114, Ap
C 116 10.2 3.5 17 1 US-10-061-201-1118 Sequence 1118, Ap
117 10.2 3.5 19 1 US-10-349-143-6172 Sequence 6172, Ap
118 10.2 3.5 20 1 US-10-016-149-71 Sequence 71, Appl
119 10 3.4 20 1 US-10-016-149-77 Sequence 77, Appl
120 10 3.4 20 1 US-10-016-149-60 Sequence 60, Appl
121 9.8 3.4 20 1 US-10-016-149-62 Sequence 62, Appl
122 9.6 3.3 16 1 US-09-855-410-33 Sequence 33, Appl
123 9.6 3.3 16 1 US-10-154-890-33 Sequence 33, Appl
124 9.6 3.3 20 1 US-10-016-149-68 Sequence 68, Appl
125 9.6 3.3 20 1 US-10-016-149-74 Sequence 74, Appl
126 9.4 3.2 20 1 US-10-016-149-70 Sequence 70, Appl
127 9.4 3.2 24 1 US-10-647-426-47 Sequence 47, Appl
128 9.2 3.2 15 1 US-09-504-231A-1172 Sequence 1272, Ap
129 9.2 3.2 15 1 US-09-274-553B-1272 Sequence 1272, Ap
130 9.2 3.2 17 1 US-10-712-672-212 Sequence 212, Ap
131 9.2 3.2 20 1 US-10-016-149-61 Sequence 61, Appl
C 132 9 3.1 17 1 US-10-211-059-154 Sequence 154, Appl
C 133 9 3.1 19 1 US-09-179-536B-102 Sequence 102, Appl
C 134 9 3.1 19 1 US-09-297-576A-102 Sequence 102, Appl
135 9 3.1 19 1 US-10-251-117-188 Sequence 188, Appl
C 136 9 3.1 19 1 US-10-251-117-187 Sequence 437, Appl
137 9 3.1 20 1 US-10-016-149-72 Sequence 72, Appl
C 138 8.8 3.0 15 1 US-09-504-231A-571 Sequence 571, Appl
C 139 8.8 3.0 15 1 US-09-274-553B-571 Sequence 571, Appl
140 8.8 3.0 20 1 US-10-016-149-76 Sequence 76, Appl
C 141 8.8 3.0 20 1 US-10-144-577-18 Sequence 18, Appl
C 142 8.8 3.0 20 1 US-10-144-577-20 Sequence 20, Appl
C 143 8.8 3.0 20 1 US-10-144-577-46 Sequence 46, Appl
144 8.6 3.0 20 1 US-10-016-149-73 Sequence 73, Appl
C 145 8.4 2.9 17 1 US-10-061-201-715 Sequence 715, Appl
C 146 8.4 2.9 17 1 US-10-061-201-716 Sequence 716, Appl
147 8.4 2.9 20 1 US-10-016-149-80 Sequence 78, Appl
148 8.4 2.9 20 1 US-10-016-149-80 Sequence 78, Appl
149 8.4 2.9 20 1 US-10-016-149-81 Sequence 81, Appl
150 8.2 2.8 17 1 US-09-780-164-859 Sequence 859, Appl

ALIGNMENTS

RESULT 1
US-10-647-426-47/c
; Sequence 47, Application US/10647426
; Publication No. US20040110197A1
; GENERAL INFORMATION:
; APPLICANT: Skinner, Michael K.
; APPLICANT: Patton, Jodi L.
; TITLE OF INVENTION: A METHOD OF DETERMINING TUMOR CHARACTERISTICS BY
; TITLE OF INVENTION: DETERMINING ABNORMAL COPY NUMBER OR EXPRESSION LEVEL OF
; TITLE OF INVENTION: LIPID-ASSOCIATED GENES
; FILE REFERENCE: PATRICK EAGLEVAN: EMBOL-X 252/124
; CURRENT APPLICATION NUMBER: US/10/647, 426
; PRIOR FILING DATE: 2003-08-26
; PRIOR FILING DATE: 2000-09-28
; NUMBER OF SEQ ID NOS: 95
; SOFTWARE: Patent Ver. 2.0
; SEQ ID NO 47
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Miscellaneous
; OTHER INFORMATION: Reverse primer

US-10-647-426-47
Query Match 8.3%; Score 24; DB 1; Length 24;
Best Local Similarity 100.0%; Pred. No. 0.81;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Oy 717 GGAGGTGACTCTGTGTCATAGAC 740
Db 24 GGAGGTGACTCTGTGTCATAGAC 1

RESULT 2
US-10-016-149-61/c
; Sequence 61, Application US/10016149
; Publication No. US20030100524A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
; FILE REFERENCE: RTS-0325
; FILE REFERENCE: RTS-0325
; CURRENT APPLICATION NUMBER: US/10/016,149
; CURRENT FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 61
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-61

Query Match 6.9%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 2.7;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy 703 TCCAGCGAGTCCCGAGAG 722
Db 20 TCCAGCGAGTCCCGAGAG 1

RESULT 3
US-10-016-149-62/c
; Sequence 62, Application US/10016149
; Publication No. US20030100524A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
; TITLE OF INVENTION: DEPENDENT) EXPRESSION
; FILE REFERENCE: RTS-0325
; CURRENT APPLICATION NUMBER: US/10/016,149
; CURRENT FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 62
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-62

Query Match 6.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 2.7;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy 710 AGTCCGAGAGTACTCT 729
Db 20 AGTCCGAGAGTACTCT 1

RESULT 4
US-10-016-149-63/c


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/ Sequence 63, Application US/10016149
/ Publication No. US20030100524A1
/ GENERAL INFORMATION:
/ APPLICANT: C. Frank Bennett
/ APPLICANT: Jacqueline Wyatt
/ TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
/ FILE REFERENCE: RTS-0325
/ CURRENT APPLICATION NUMBER: US/10/016,149
/ CURRENT FILING DATE: 2001-11-01
/ NUMBER OF SEQ ID NOS: 84
/ SEQ ID NO 63
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-63

Query Match          6.9%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 2.7;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 728 CTGGTCATAGGACTGTGTAG 747
DB 20 CTGGTCATAGGACTGTGTAG 1

RESULT 5
US-10-016-149-64/c
/ Sequence 64, Application US/10016149
/ Publication No. US20030100524A1
/ GENERAL INFORMATION:
/ APPLICANT: C. Frank Bennett
/ APPLICANT: Jacqueline Wyatt
/ TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
/ FILE REFERENCE: RTS-0325
/ CURRENT APPLICATION NUMBER: US/10/016,149
/ CURRENT FILING DATE: 2001-11-01
/ NUMBER OF SEQ ID NOS: 84
/ SEQ ID NO 64
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-64

Query Match          6.9%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 2.7;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 731 GTCATAGGACTGTGTAGG 750
DB 20 GTCATAGGACTGTGTAGG 1

RESULT 6
US-10-016-149-65/c
/ Sequence 65, Application US/10016149
/ Publication No. US20030100524A1
/ GENERAL INFORMATION:
/ APPLICANT: C. Frank Bennett
/ APPLICANT: Jacqueline Wyatt
/ TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
/ FILE REFERENCE: RTS-0325
/ CURRENT APPLICATION NUMBER: US/10/016,149
/ CURRENT FILING DATE: 2001-11-01
/ NUMBER OF SEQ ID NOS: 84
/ SEQ ID NO 65
/ LENGTH: 20
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/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-65

Query Match          6.9%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 2.7;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 753 CAGGTCCTTAGGCTCCAC 772
DB 20 CAGGTCCTTAGGCTCCAC 1

RESULT 7
US-10-016-149-66/c
/ Sequence 66, Application US/10016149
/ Publication No. US20030100524A1
/ GENERAL INFORMATION:
/ APPLICANT: C. Frank Bennett
/ APPLICANT: Jacqueline Wyatt
/ TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
/ FILE REFERENCE: RTS-0325
/ CURRENT APPLICATION NUMBER: US/10/016,149
/ CURRENT FILING DATE: 2001-11-01
/ NUMBER OF SEQ ID NOS: 84
/ SEQ ID NO 66
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-66

Query Match          6.9%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 2.7;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 758 TCCTTAGGCTCCACTTCTG 777
DB 20 TCCTTAGGCTCCACTTCTG 1

RESULT 8
US-10-016-149-67/c
/ Sequence 67, Application US/10016149
/ Publication No. US20030100524A1
/ GENERAL INFORMATION:
/ APPLICANT: C. Frank Bennett
/ APPLICANT: Jacqueline Wyatt
/ TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
/ FILE REFERENCE: RTS-0325
/ CURRENT APPLICATION NUMBER: US/10/016,149
/ CURRENT FILING DATE: 2001-11-01
/ NUMBER OF SEQ ID NOS: 84
/ SEQ ID NO 67
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-67

Query Match          6.9%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 2.7;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 763 AGGCTCCACTTCTGAGG 782
DB 20 AGGCTCCACTTCTGAGG 1
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RESULT 9
US-10-016-149-68/c
; Sequence 68, Application US/10016149
; Publication No. US20030100524A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
; FILE REFERENCE: RTS-0325
; CURRENT APPLICATION NUMBER: US/10/016,149
; CURRENT FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 68
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-68

Query Match          6.9%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 2.7;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      786 CCCTCTGCTGCCAAGAGCTC 805
DB      20 CCCTCTGCTGCCAAGAGCTC 1

RESULT 10
US-10-016-149-69/c
; Sequence 69, Application US/10016149
; Publication No. US20030100524A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
; FILE REFERENCE: RTS-0325
; CURRENT APPLICATION NUMBER: US/10/016,149
; CURRENT FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 69
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-69

Query Match          6.9%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 2.7;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      792 GGTGCCAAGAGCTCTCTCTCC 811
DB      20 GGTGCCAAGAGCTCTCTCTCC 1

RESULT 11
US-10-016-149-70/c
; Sequence 70, Application US/10016149
; Publication No. US20030100524A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
; FILE REFERENCE: RTS-0325
; CURRENT APPLICATION NUMBER: US/10/016,149
; CURRENT FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 70
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-70
```

```
; CURRENT FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 70
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-70

Query Match          6.9%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 2.7;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      804 TCTCTCTCACTCAGGCTTG 823
DB      20 TCTCTCTCACTCAGGCTTG 1

RESULT 12
US-10-016-149-71/c
; Sequence 71, Application US/10016149
; Publication No. US20030100524A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
; FILE REFERENCE: RTS-0325
; CURRENT APPLICATION NUMBER: US/10/016,149
; CURRENT FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 71
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-71

Query Match          6.9%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 2.7;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      808 CTCCTCACTCAGGCTTGCTG 827
DB      20 CTCCTCACTCAGGCTTGCTG 1

RESULT 13
US-10-016-149-72/c
; Sequence 72, Application US/10016149
; Publication No. US20030100524A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
; FILE REFERENCE: RTS-0325
; CURRENT APPLICATION NUMBER: US/10/016,149
; CURRENT FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 72
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-72

Query Match          6.9%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 2.7;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

QY 834 TTTTCTCTCTGAGACAGC 853
DB 20 TTTTCTCTCTGAGACAGC 1

RESULT 14
US-10-016-149-73/c
; Sequence 73, Application US/10016149
; Publication No. US20030100524A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
; FILE REFERENCE: RTS-0325
; CURRENT APPLICATION NUMBER: US/10/016,149
; CURRENT FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 73
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-73

Query Match 6.9%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 2.7;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 837 TCTTCTCTGAGACAGC 856
DB 20 TCTTCTCTGAGACAGC 1

RESULT 15
US-10-016-149-74/c
; Sequence 74, Application US/10016149
; Publication No. US20030100524A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
; FILE REFERENCE: RTS-0325
; CURRENT APPLICATION NUMBER: US/10/016,149
; CURRENT FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 74
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-74

Query Match 6.9%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 2.7;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 854 GTCTGTCTCTGAGAC 873
DB 20 GTCTGTCTCTGAGAC 1

RESULT 16
US-10-016-149-75/c
; Sequence 75, Application US/10016149
; Publication No. US20030100524A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt

; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
; FILE REFERENCE: RTS-0325
; CURRENT APPLICATION NUMBER: US/10/016,149
; CURRENT FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 75
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-75

Query Match 6.9%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 2.7;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 861 CTCAGTTGGAACACTTCC 880
DB 20 CTCAGTTGGAACACTTCC 1

RESULT 17
US-10-016-149-76/c
; Sequence 76, Application US/10016149
; Publication No. US20030100524A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
; FILE REFERENCE: RTS-0325
; CURRENT APPLICATION NUMBER: US/10/016,149
; CURRENT FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 76
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-76

Query Match 6.9%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 2.7;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 865 AGTTGGAACACTTCTGAG 884
DB 20 AGTTGGAACACTTCTGAG 1

RESULT 18
US-10-016-149-77/c
; Sequence 77, Application US/10016149
; Publication No. US20030100524A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
; FILE REFERENCE: RTS-0325
; CURRENT APPLICATION NUMBER: US/10/016,149
; CURRENT FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 77
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-77

Query Match 6.9%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 2.7;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 871 AACACTTCTCTGAGATGCAC 890
DB 20 AACACTTCTCTGAGATGCAC 1

RESULT 19
US-10-016-149-78/c
; Sequence 78, Application US/10016149
; Publication No. US20030100524A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
; FILE REFERENCE: RTS-0325
; CURRENT APPLICATION NUMBER: US/10/016,149
; CURRENT FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 78
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-78

Query Match 6.9%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 2.7;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 878 TCCTGAGATGCATCTCTC 897
DB 20 TCCTGAGATGCATCTCTC 1

RESULT 20
US-10-016-149-79/c
; Sequence 79, Application US/10016149
; Publication No. US20030100524A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
; FILE REFERENCE: RTS-0325
; CURRENT APPLICATION NUMBER: US/10/016,149
; CURRENT FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 79
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-79

Query Match 6.9%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 2.7;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 880 CTGAGATGCATCTCTC 899
DB 20 CTGAGATGCATCTCTC 1

RESULT 21
US-10-016-149-80/c
; Sequence 80, Application US/10016149

; Publication No. US20030100524A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
; FILE REFERENCE: RTS-0325
; CURRENT APPLICATION NUMBER: US/10/016,149
; CURRENT FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 80
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-80

Query Match 6.9%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 2.7;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 884 GATGCACTTCTCTCAGCT 903
DB 20 GATGCACTTCTCTCAGCT 1

RESULT 22
US-10-016-149-81/c
; Sequence 81, Application US/10016149
; Publication No. US20030100524A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
; FILE REFERENCE: RTS-0325
; CURRENT APPLICATION NUMBER: US/10/016,149
; CURRENT FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 81
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-81

Query Match 6.9%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 2.7;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 930 ACCCTCCAGAGATTTCAG 949
DB 20 ACCCTCCAGAGATTTCAG 1

RESULT 23
US-10-016-149-82/c
; Sequence 82, Application US/10016149
; Publication No. US20030100524A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
; FILE REFERENCE: RTS-0325
; CURRENT APPLICATION NUMBER: US/10/016,149
; CURRENT FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 82
; LENGTH: 20
; TYPE: DNA

ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-82

Query Match 6.9%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 2.7;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 969 TCTCTAAATCGTGTATG 988
DB 20 TCTCTAAATCGTGTATG 1

RESULT 24
US-10-016-149-83/C
Sequence 83, Application US/10016149
Publication No. US20030100524A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
FILE REFERENCE: RTS-0325
CURRENT APPLICATION NUMBER: US/10/016,149
CURRENT FILING DATE: 2001-11-01
NUMBER OF SEQ ID NOS: 84
SEQ ID NO 83
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-83

Query Match 6.9%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 2.7;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 973 TAAATCTGTGTATGGTAT 992
DB 20 TAAATCTGTGTATGGTAT 1

RESULT 25
US-10-016-149-60/C
Sequence 60, Application US/10016149
Publication No. US20030100524A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
FILE REFERENCE: RTS-0325
CURRENT APPLICATION NUMBER: US/10/016,149
CURRENT FILING DATE: 2001-11-01
NUMBER OF SEQ ID NOS: 84
SEQ ID NO 60
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-60

Query Match 6.6%; Score 19; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.2;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 703 TCCAGCAGTCCAGAGAGA 721
DB 19 TCCAGCAGTCCAGAGAGA 1

RESULT 26
US-10-061-201-1116
Sequence 1116, Application US/10061201
Publication No. US20030166229A1
GENERAL INFORMATION:
APPLICANT: Shannon, Mark
TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
FILE REFERENCE: PB0178
CURRENT APPLICATION NUMBER: US/10/061,201
CURRENT FILING DATE: 2002-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 09/864,761
PRIOR FILING DATE: 2001-05-23
PRIOR APPLICATION NUMBER: US 60/328,205
PRIOR FILING DATE: 2001-10-10
NUMBER OF SEQ ID NOS: 4162
SOFTWARE: Aeomica Sequence Listing Engine
SEQ ID NO 1116
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-10-061-201-1116

Query Match 5.3%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 13;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 744 GTAGGTCGCCAGGGTCC 760
DB 1 GTAGGTCGCCAGGGTCC 17

RESULT 27
US-09-179-536B-102/C
Sequence 102, Application US/09179536B
Patent No. US20020042112A1
GENERAL INFORMATION:
APPLICANT: Hubert K. Lough
Guobing Xiang
TITLE OF INVENTION: DNA DIAGNOSTICS BASED ON MASS SPECTROMETRY
NUMBER OF SEQUENCES: 320
CORRESPONDENCE ADDRESS:
ADDRESSER: Heller Ehtman White & McAniff
STREET: 4250 Executive Square, 7th Floor
CITY: La Jolla
STATE: CA
COUNTRY: USA
ZIP: 92037
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/179,536B
FILING DATE: 26-Oct-1998

```

CLASSIFICATION: <Unknown>
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: PCT/US97/20444
FILING DATE: 06-NOV-1997
APPLICATION NUMBER: 08/947,801
FILING DATE: 08-OCT-97
APPLICATION NUMBER: 08/933,792
FILING DATE: 19-SEP-97
APPLICATION NUMBER: 08/787,639
FILING DATE: 23-JAN-97
APPLICATION NUMBER: 08/786,988
FILING DATE: 23-JAN-97
APPLICATION NUMBER: 08/746,055
FILING DATE: 06-NO. US20020042112A1-96
APPLICATION NUMBER: 08/746,036
FILING DATE: 06-NO. US20020042112A1-96
APPLICATION NUMBER: 08/744,590
FILING DATE: 06-NO. US20020042112A1-96
APPLICATION NUMBER: 08/744,481
FILING DATE: 06-NO. US20020042112A1-96
ATTORNEY/AGENT INFORMATION:
NAME: Seidman, Stephanie L.
REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 24736-2004B
TELECOMMUNICATION INFORMATION:
TELEPHONE: 858-450-8400
TELEFAX: 858-587-5360
TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 102:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: unknown
MOLECULE TYPE: CDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE: <Unknown>
ORIGINAL SOURCE:
SEQUENCE DESCRIPTION: SEQ ID NO: 102:
US-09-179-536B-102

Query Match          5.3%; Score 15.4; DB 1; Length 19;
Best Local Similarity 94.1%; Pred. No. 18;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      753 CAGGTCCTCAGGCTC 769
DB      19 CAGGTCCTCAGGCTC 3

RESULT 28
US-09-297-576A-102/c
; Sequence 102, Application US/09297576A
; Publication No. US20030129589A1
; GENERAL INFORMATION:
; APPLICANT: KOSTER, Hubert
; APPLICANT: LITTLE, Daniel P.
; APPLICANT: BRAUN, Andreas
; APPLICANT: LOUGH, David M.
; APPLICANT: XIANG, Guobing
; APPLICANT: VAN DEN BOOM, Dirk
; APPLICANT: JURINKA, Christian
; APPLICANT: RUPPERT, Andreas
; TITLE OF INVENTION: DNA DIAGNOSTICS BASED ON MASS SPECTROMETRY
; NUMBER OF SEQUENCES: 320
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Heller Shuman White & McLaughlin
; STREET: 4250 Executive Square, 7th Floor
; CITY: La Jolla
; STATE: CA
; COUNTRY: USA
; ZIP: 92037
```

```

COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/297,576A
FILING DATE: 07-JUN-2000
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/947,801
FILING DATE: 08-OCT-97
APPLICATION NUMBER: 08/933,792
FILING DATE: 19-SEP-97
APPLICATION NUMBER: 08/787,639
FILING DATE: 23-JAN-97
APPLICATION NUMBER: 08/786,988
FILING DATE: 23-JAN-97
APPLICATION NUMBER: 08/746,055
FILING DATE: 06-NO. US20030129589A1-96
APPLICATION NUMBER: 08/746,036
FILING DATE: 06-NO. US20030129589A1-96
APPLICATION NUMBER: 08/744,590
FILING DATE: 06-NO. US20030129589A1-96
APPLICATION NUMBER: 08/744,481
FILING DATE: 06-NO. US20030129589A1-96
ATTORNEY/AGENT INFORMATION:
NAME: Seidman, Stephanie L.
REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 24736-2004
TELECOMMUNICATION INFORMATION:
TELEPHONE: 858-450-8400
TELEFAX: 858-450-8499
INFORMATION FOR SEQ ID NO: 102:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: unknown
MOLECULE TYPE: CDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE: <Unknown>
ORIGINAL SOURCE:
SEQUENCE DESCRIPTION:
US-09-297-576A-102

Query Match          5.3%; Score 15.4; DB 1; Length 19;
Best Local Similarity 94.1%; Pred. No. 18;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      753 CAGGTCCTCAGGCTC 769
DB      19 CAGGTCCTCAGGCTC 3

RESULT 29
US-10-349-143-6172/c
; Sequence 6172, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marla
; APPLICANT: Chumakov, Ilva
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/10/349,143
; PRIOR FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
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/ PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
/ PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
/ NUMBER OF SEQ ID NOS: 11796
/ SEQ ID NO 6172
/ LENGTH: 19
/ TYPE: DNA
/ ORGANISM: Homo Sapiens
/ FEATURE:
/ NAME/KEY: primer_bind
/ LOCATION: 1..19
/ OTHER INFORMATION: upstream amplification primer 99-9513 for SEQ 2238,
US-10-349-143-6172
```

```
Query Match          5.3%; Score 15.4; DB 1; Length 19;
Best Local Similarity 94.1%; Pred. No. 18;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

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QY      873 CACTTTCCTGAGATGCA 889
Db      17 CACTTCCCTGAGATGCA 1
```

```
RESULT 30
US-09-367-272-8/C
/ Sequence 8, Application US/09367272
/ Publication No. US20020073440A1
/ GENERAL INFORMATION:
/ APPLICANT: Torneil, Jan
/ APPLICANT: Kindblom, Jon
/ APPLICANT: Wenbo, Hakan
/ APPLICANT: Isaksson, Olle
/ APPLICANT: Norstedt, Gunnar
/ TITLE OF INVENTION: Method for Screening and Transgenic Model
/ FILE REFERENCE: 003300-583
/ CURRENT APPLICATION NUMBER: US/09/367,272
/ PRIOR FILING DATE: 1999-12-02
/ PRIOR APPLICATION NUMBER: PCT/SE98/00266
/ PRIOR FILING DATE: 1998-02-13
/ PRIOR FILING DATE: 1997-02-14
/ PRIOR FILING DATE: 1997-02-14
/ NUMBER OF SEQ ID NOS: 8
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 8
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: primer
US-09-367-272-8
```

```
Query Match          5.3%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 20;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      718 GAGAGTACTCTGTGTC 734
Db      17 GACAGTACTCTGTGTC 1
```

```
RESULT 31
US-10-289-762-5931/C
/ Sequence 5931, Application US/10289762
/ Publication No. US2004006218A1
/ GENERAL INFORMATION:
/ APPLICANT: Griffiths, R.
/ TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
/ TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, preve
/ FILE REFERENCE: 9710-003-999
/ CURRENT APPLICATION NUMBER: US/10/289,762
/ PRIOR FILING DATE: 2003-03-27
/ NUMBER OF SEQ ID NOS: 6849
/ SEQ ID NO 5931
```

```
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Chlamydia pneumoniae
US-10-289-762-5931
```

```
Query Match          5.3%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 20;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      728 CTGCTATGAGCTTGG 744
Db      17 CTGCTATGAGCTTGG 1
```

```
RESULT 32
US-10-144-577-18
/ Sequence 18, Application US/10144577
/ Publication No. US20030083292A1
/ GENERAL INFORMATION:
/ APPLICANT: Macleod, Alan Robert
/ TITLE OF INVENTION: Inhibitors of DNA Methyltransferase Isoforms
/ FILE REFERENCE: MET-005
/ CURRENT APPLICATION NUMBER: US/10/144,577
/ PRIOR FILING DATE: 2002-05-13
/ PRIOR APPLICATION NUMBER: US 60/290,202
/ PRIOR FILING DATE: 2001-05-11
/ PRIOR FILING DATE: 2001-05-11
/ NUMBER OF SEQ ID NOS: 49
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 18
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-144-577-18
```

```
Query Match          5.2%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 22;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      853 CGTCTGGCTCCAGTTGAA 872
Db      1 CGTCTGGCTCCAGTTGAA 20
```

```
RESULT 33
US-10-144-577-20
/ Sequence 20, Application US/10144577
/ Publication No. US20030083292A1
/ GENERAL INFORMATION:
/ APPLICANT: Macleod, Alan Robert
/ TITLE OF INVENTION: Inhibitors of DNA Methyltransferase Isoforms
/ FILE REFERENCE: MET-005
/ CURRENT APPLICATION NUMBER: US/10/144,577
/ PRIOR FILING DATE: 2002-05-13
/ PRIOR APPLICATION NUMBER: US 60/290,202
/ PRIOR FILING DATE: 2001-05-11
/ PRIOR FILING DATE: 2001-05-11
/ NUMBER OF SEQ ID NOS: 49
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 20
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-144-577-20
```

```
Query Match          5.2%; Score 15.2; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 22;
Matches 16; Conservative 1; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      853 CGTCTGGCTCCAGTTGAA 872
||:|||||
```

Db 1 CGUCGTGCTCCAGTTACAA 20

RESULT 34
US-10-144-577-46
; Sequence 46, Application US/10144577
; Publication No. US20030083292A1
; GENERAL INFORMATION:
; APPLICANT: Macleod, Alan Robert
; TITLE OF INVENTION: Inhibitors of DNA Methyltransferase Isoforms
; FILE REFERENCE: MET-005
; CURRENT APPLICATION NUMBER: US/10/144,577
; CURRENT FILING DATE: 2002-05-13
; PRIOR APPLICATION NUMBER: US 60/290,202
; PRIOR FILING DATE: 2001-05-11
; PRIOR APPLICATION NUMBER: US 60/290,212
; PRIOR FILING DATE: 2001-05-11
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 46
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-144-577-46

Query Match 5.2%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 22;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 853 CGTCTGCTCCAGTTGGA 872
Db 1 CGTCTGCTCCAGTTACAA 20

RESULT 35
US-10-298-123-32
; Sequence 32, Application US/10298123
; Publication No. US20040096830A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF PROTEIN KINASE D2 EXPRESSION
; FILE REFERENCE: HTS-0050
; CURRENT APPLICATION NUMBER: US/10/298,123
; CURRENT FILING DATE: 2002-11-16
; NUMBER OF SEQ ID NOS: 76
; SEQ ID NO 32
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-298-123-32

Query Match 5.2%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 22;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 781 GCAGCCCTCTGTGCTCCAG 800
Db 1 GCAGCACCCTCGGTGCCAG 20

RESULT 36
US-10-298-123-63/C
; Sequence 63, Application US/10298123
; Publication No. US20040096830A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF PROTEIN KINASE D2 EXPRESSION
; FILE REFERENCE: HTS-0050
; CURRENT APPLICATION NUMBER: US/10/298,123
; CURRENT FILING DATE: 2002-11-16
; NUMBER OF SEQ ID NOS: 76

; SEQ ID NO 63
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-298-123-63

Query Match 5.2%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 22;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 781 GCAGCCCTCTGTGCTCCAG 800
Db 20 GCAGCACCCTCGGTGCCAG 1

RESULT 37
US-10-151-754B-30/C
; Sequence 30, Application US/10151754B
; Publication No. US20030165893A1
; GENERAL INFORMATION:
; APPLICANT: KURITA WATER INDUSTRIES LTD.
; TITLE OF INVENTION: Nucleic acid, nucleic acid for detecting dechlorination bacteria,
; TITLE OF INVENTION: method for
; TITLE OF INVENTION: detecting dechlorination bacteria and method for treating earth
; TITLE OF INVENTION: water polluted
; FILE REFERENCE: JP-241
; CURRENT APPLICATION NUMBER: US/10/151,754B
; CURRENT FILING DATE: 2002-05-15
; PRIOR APPLICATION NUMBER: JP 2001-149915
; PRIOR FILING DATE: 2001-05-18
; PRIOR APPLICATION NUMBER: JP 2002-21348
; PRIOR FILING DATE: 2002-01-30
; NUMBER OF SEQ ID NOS: 68
; SEQ ID NO 30
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; LOCATION: (1)...(20)
; OTHER INFORMATION: primer
US-10-151-754B-30

Query Match 5.2%; Score 15; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 24;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 916 TTATCATCACCACCA 930
Db 17 TTATCATCACCACCA 3

RESULT 38
US-10-251-117-188/C
; Sequence 188, Application US/10251117
; Publication No. US20030170891A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwigen, James
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor R
; FILE REFERENCE: 900/042 (MBH02-468-A)
; CURRENT APPLICATION NUMBER: US/10/251,117
; CURRENT FILING DATE: 2003-02-24
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: US 10/163,552
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 09/916,466
; PRIOR FILING DATE: 2001-07-25


```

; PRIOR APPLICATION NUMBER: US 60/296,249
; PRIOR FILING DATE: 2001-06-06
; NUMBER OF SEQ ID NOS: 1213
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 188
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siNA sense r
US-10-251-117-188
```

```

Query Match          5.1%; Score 14.8; DB 1; Length 19;
Best local Similarity 88.9%; Pred. No. 23;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      764 GGCCTCCACTTCTGAGGG 781
      ||||| ||||| ||||| |||||
DB      18 GGCCTCCCTCTCTGAGGG 1
```

```

RESULT 39
US-10-251-117-437
; Sequence 437, Application US/10251117
; Publication No. US20030170891A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor R
; FILE REFERENCE: 900/042 (MEHB02-468-A)
; CURRENT FILING DATE: 2003-02-24
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: US 10/163,552
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 09/916,466
; PRIOR FILING DATE: 2001-07-25
; PRIOR APPLICATION NUMBER: US 60/296,249
; PRIOR FILING DATE: 2001-06-06
; NUMBER OF SEQ ID NOS: 1213
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 437
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-251-117-437
```

```

Query Match          5.1%; Score 14.8; DB 1; Length 19;
Best local Similarity 72.2%; Pred. No. 23;
Matches 13; Conservative 3; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      764 GGCCTCCACTTCTGAGGG 781
      ||||| ||||| ||||| |||||
DB      2 GGCCTCCCTCTCTGAGGG 19
```

```

RESULT 40
US-10-251-117-685/C
; Sequence 685, Application US/10251117
; Publication No. US20030170891A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor R
; FILE REFERENCE: 900/042 (MEHB02-468-A)
; CURRENT APPLICATION NUMBER: US/10/251,117
```

```

; CURRENT FILING DATE: 2003-02-24
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: US 10/163,552
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 09/916,466
; PRIOR FILING DATE: 2001-07-25
; PRIOR APPLICATION NUMBER: US 60/296,249
; PRIOR FILING DATE: 2001-06-06
; NUMBER OF SEQ ID NOS: 1213
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 685
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siNA sense r
US-10-251-117-685
```

```

Query Match          5.1%; Score 14.8; DB 1; Length 19;
Best local Similarity 88.9%; Pred. No. 23;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      895 TTCTCAGCTTCTGCATC 912
      ||||| ||||| ||||| |||||
DB      18 TTCTCAGCTTCTGCATC 1
```

```

RESULT 41
US-10-251-117-992
; Sequence 992, Application US/10251117
; Publication No. US20030170891A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor F
; FILE REFERENCE: 900/042 (MEHB02-468-A)
; CURRENT FILING DATE: 2003-02-24
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: US 10/163,552
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 09/916,466
; PRIOR FILING DATE: 2001-07-25
; PRIOR APPLICATION NUMBER: US 60/296,249
; PRIOR FILING DATE: 2001-06-06
; NUMBER OF SEQ ID NOS: 1213
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 992
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-251-117-992
```

```

Query Match          5.1%; Score 14.8; DB 1; Length 19;
Best local Similarity 50.0%; Pred. No. 23;
Matches 9; Conservative 7; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      895 TTCTCAGCTTCTGCATC 912
      ||||| ||||| ||||| |||||
DB      2 UUCUCACCUUCUCGGAUC 19
```

```

RESULT 42
US-10-061-201-1115
```

```

Sequence 1115, Application US/10061201
Publication No. US20030166229A1
GENERAL INFORMATION:
APPLICANT: Shannon, Mark
TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
FILE REFERENCE: PB0178
CURRENT APPLICATION NUMBER: US/10/061,201
CURRENT FILING DATE: 2002-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 09/864,761
PRIOR FILING DATE: 2001-05-23

Query Match      5.0%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pctd. No. 19;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0

QY      744 GTAGGTCCTCCAGGATC 759
Db      2 GTAGGGGCCCCAGGATC 17

RESULT 43
US-10-061-201-1117
Sequence 1117, Application US/10061201
Publication No. US20030166229A1
GENERAL INFORMATION:
APPLICANT: Shannon, Mark
TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
FILE REFERENCE: PB0178
CURRENT APPLICATION NUMBER: US/10/061,201
CURRENT FILING DATE: 2002-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 09/864,761
PRIOR FILING DATE: 2001-05-23

```

```

; PRIOR APPLICATION NUMBER: US 60/328,205
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Aecmca Sequence Listing Engine
; SEQ ID NO 1117
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-10-061-201-1117

Query Match
Best Local Similarity 93.8%; Score 14.4; DB 1; Length 17;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Cy 745 TAGGATCCAGGATCC 760
Db 1 TAGGGGCCAGGATCC 16

RESULT 44
US-09-922-261-299
; Sequence 299, Application US/0922261
; Patent No. US2002011472A1
; GENERAL INFORMATION:
; APPLICANT: COGENT NEUROSCIENCE, Inc.
; APPLICANT: Lo, Donald C.
; APPLICANT: Barney, Shawn
; APPLICANT: Thomas, Mary Beth
; APPLICANT: Portbury, Stuart D.
; APPLICANT: Putnam, Kasturi
; APPLICANT: Katz, Lawrence C.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING
; TITLE OF INVENTION: AND TREATING CONDITIONS, DISORDERS, OR DISEASES INVOLVING
; FILE REFERENCE: 10001-005-999
; CURRENT APPLICATION NUMBER: US/09/922,261
; PRIOR FILING DATE: 2001-08-03
; PRIOR APPLICATION NUMBER: US/09/461,697
; PRIOR FILING DATE: 1999-12-14
; NUMBER OF SEQ ID NOS: 466
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 299
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-922-261-299

Query Match
Best Local Similarity 100.0%; Score 14; DB 1; Length 18;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Cy 979 TGGTGATGCGTAT 992
Db 2 TGGTGATGCGTAT 15

RESULT 45
US-09-780-533A-13
; Sequence 13, Application US/09780533A
; Publication No. US20030060611A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatz, Larry
; APPLICANT: McSwigen, Jim
; APPLICANT: Chowrita, Bharat
; APPLICANT: Haebritz, Pete
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO Gene
; FILE REFERENCE: MBH800,878-A (400/011)
; CURRENT APPLICATION NUMBER: US/09/780,533A
; PRIOR FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: US 60/181,797
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 6679

```

SOFTWARE: Patentin version 3.0
 SEQ ID NO 13
 LENGTH: 17
 TYPE: RNA
 ORGANISM: Homo sapiens
 US-09-780-533A-13

Query Match
 Best Local Similarity 76.5%; Pred. No. 25;
 Matches 13; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 920 CATCACCAACCCCTCC 936
 DB 1 CAUCATCCACCCCTCC 17

RESULT 46
 US-09-780-533A-772
 ; Sequence 772, Application US/09780533A
 ; Publication No. US20030060611A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.
 ; APPLICANT: Blatt, Larry
 ; APPLICANT: McSwigen, Jim
 ; APPLICANT: Chowitra, Bharat
 ; APPLICANT: Haeblerli, Pete
 ; TITLE OF INVENTION: Method and Reagent for the Inhibition of NCO Gene
 ; FILE REFERENCE: MHB00.878-A (400/011)
 ; CURRENT APPLICATION NUMBER: US/09/780,533A
 ; PRIOR FILING DATE: 2001-02-09
 ; PRIOR APPLICATION NUMBER: US 60/181,797
 ; PRIOR FILING DATE: 2000-02-11
 ; NUMBER OF SEQ ID NOS: 6679
 ; SOFTWARE: Patentin version 3.0
 ; SEQ ID NO 772
 ; LENGTH: 17
 ; TYPE: RNA
 ; ORGANISM: Homo sapiens
 US-09-780-533A-772

Query Match
 Best Local Similarity 76.5%; Pred. No. 25;
 Matches 13; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 921 ATACCAACCAACCTCC 937
 DB 1 ACCAUCACCAACCTCC 17

RESULT 47
 US-09-780-533A-773
 ; Sequence 773, Application US/09780533A
 ; Publication No. US20030060611A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.
 ; APPLICANT: Blatt, Larry
 ; APPLICANT: McSwigen, Jim
 ; APPLICANT: Chowitra, Bharat
 ; APPLICANT: Haeblerli, Pete
 ; TITLE OF INVENTION: Method and Reagent for the Inhibition of NCO Gene
 ; FILE REFERENCE: MHB00.878-A (400/011)
 ; CURRENT APPLICATION NUMBER: US/09/780,533A
 ; PRIOR FILING DATE: 2001-02-09
 ; PRIOR APPLICATION NUMBER: US 60/181,797
 ; PRIOR FILING DATE: 2000-02-11
 ; NUMBER OF SEQ ID NOS: 6679
 ; SOFTWARE: Patentin version 3.0
 ; SEQ ID NO 773
 ; LENGTH: 17
 ; TYPE: RNA
 ; ORGANISM: Homo sapiens
 US-09-780-533A-773

Query Match
 Best Local Similarity 76.5%; Pred. No. 25;
 Matches 13; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 922 TCACCAACCAACCTCC 938
 DB 1 UCAUCACCAACCTCC 17

RESULT 48
 US-09-776-474-1062/C
 ; Sequence 1062, Application US/09776474
 ; Publication No. US20030087847A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.
 ; APPLICANT: Jarvis, Thale
 ; APPLICANT: Bocher, Robert
 ; APPLICANT: Holmar, Patricia
 ; APPLICANT: Faltz, Ali
 ; APPLICANT: McSwigen, Jim
 ; TITLE OF INVENTION: Method and Reagent for the Inhibition of Checkpoint Kinase-1 (CHK)
 ; FILE REFERENCE: MHB00.955-A (400/008)
 ; CURRENT APPLICATION NUMBER: US/09/776,474
 ; PRIOR FILING DATE: 2001-02-02
 ; PRIOR APPLICATION NUMBER: US 60/179,983
 ; PRIOR FILING DATE: 2000-03-02
 ; NUMBER OF SEQ ID NOS: 2992
 ; SOFTWARE: Patentin version 3.0
 ; SEQ ID NO 1062
 ; LENGTH: 17
 ; TYPE: RNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
 US-09-776-474-1062

Query Match
 Best Local Similarity 93.3%; Pred. No. 30;
 Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 798 AAGAGCTCTCTCC 812
 DB 16 AAGAGCTCTCTCC 2

RESULT 49
 US-10-061-201-1114
 ; Sequence 1114, Application US/10061201
 ; Publication No. US20030166229A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Shannon, Mark
 ; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
 ; FILE REFERENCE: PBO178
 ; CURRENT APPLICATION NUMBER: US/10/061,201
 ; PRIOR FILING DATE: 2002-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00666
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00667
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00664
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00669
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00665
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00668
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00663
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00670
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: US 09/864,761

PRIOR FILING DATE: 2001-05-23
PRIOR APPLICATION NUMBER: US 60/328,205
PRIOR FILING DATE: 2001-10-10
NUMBER OF SEQ ID NOS: 4162
SOFTWARE: Aecmca Sequence Listing Engine
SEQ ID NO 1114
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-10-061-201-1114

Query Match 4.6%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 30;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 744 GTAGGCTCCAGGCT 758
Db 3 GTAGGCTCCAGGCT 17

RESULT 50
US-10-061-201-1118
Sequence 1118, Application US/10061201
GENERAL INFORMATION:
APPLICANT: Shannon, Mark
TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
FILE REFERENCE: PB0178
CURRENT APPLICATION NUMBER: US/10/061, 201
CURRENT FILING DATE: 2002-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 09/864,761
PRIOR FILING DATE: 2001-05-23
PRIOR APPLICATION NUMBER: US 60/328,205
PRIOR FILING DATE: 2001-10-10
NUMBER OF SEQ ID NOS: 4162
SOFTWARE: Aecmca Sequence Listing Engine
SEQ ID NO 1118
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-10-061-201-1118

Query Match 4.6%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 30;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 746 AGGGTCCAGGCTCC 760
Db 1 AGGGTCCAGGCTCC 15

RESULT 51
US-10-338-777-363
Sequence 363, Application US/10338777
Publication No. US20030188343A1
GENERAL INFORMATION:
APPLICANT: Lynx Therapeutics, Inc.

APPLICANT: United States Department of Agriculture
APPLICANT: Bowen, Benjamin A
APPLICANT: Haudenschild, Christian D
APPLICANT: Buckler, Edward S
TITLE OF INVENTION: Identification of Genes Associated with Growth in Plants
FILE REFERENCE: 37-000510US
CURRENT APPLICATION NUMBER: US/10/338,777
CURRENT FILING DATE: 2003-01-07
NUMBER OF SEQ ID NOS: 405
SOFTWARE: PatentIn version 3.1
SEQ ID NO 363
LENGTH: 17
TYPE: DNA
ORGANISM: Arabidopsis thaliana
US-10-338-777-363

Query Match 4.6%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 30;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 830 TCTCTTTCTTCTCT 844
Db 3 TCTCTTTCTTCTCT 17

RESULT 52
US-10-676-154-486/c
Sequence 486, Application US/10676154
Publication No. US20040081996A1
GENERAL INFORMATION:
APPLICANT: John Ianders
APPLICANT: David Houseman
APPLICANT: Barbara Jordan
APPLICANT: Alain Charast
TITLE OF INVENTION: Methods and Products Related to
TITLE OF INVENTION: Genotyping and DNA Analysis
FILE REFERENCE: M056/7045(HCL/MAT)
CURRENT APPLICATION NUMBER: US/10/676,154
CURRENT FILING DATE: 2003-09-29
PRIOR APPLICATION NUMBER: US 60/101,757
PRIOR FILING DATE: 1998-09-25
PRIOR APPLICATION NUMBER: PCT/US99/22283
PRIOR FILING DATE: 1999-09-24
NUMBER OF SEQ ID NOS: 691
SOFTWARE: PasteSeq for Windows Version 3.0
SEQ ID NO 486
LENGTH: 17
TYPE: DNA
ORGANISM: Homo Sapiens
US-10-676-154-486

Query Match 4.6%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 30;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 766 CCTCCTCTCTGAG 780
Db 16 CCTCCTCTCTGAG 2

RESULT 53
US-10-712-672-1631
Sequence 1631, Application US/10712672
Publication No. US20040102413A1
GENERAL INFORMATION:
APPLICANT: Ribozyne Pharmaceuticals, Inc.
APPLICANT: Chowitra, Bharat
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
TITLE OF INVENTION: Method and Reagent for the Inhibition of Telomerase Enzyme
FILE REFERENCE: MEH00-882-C (400/019)
CURRENT APPLICATION NUMBER: US/10/712,672
CURRENT FILING DATE: 2003-11-13

```
/ PRIOR APPLICATION NUMBER: US/09/653,225
/ PRIOR FILING DATE: 2000-08-31
/ PRIOR APPLICATION NUMBER: 60/197,769
/ PRIOR FILING DATE: 2000-04-14
/ PRIOR APPLICATION NUMBER: 60/150,713
/ PRIOR FILING DATE: 1999-08-31
/ NUMBER OF SEQ ID NOS: 5586
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO: 1631
/ LENGTH: 16
/ TYPE: RNA
/ ORGANISM: Homo sapiens
US-10-712-672-1631
```

```
Query Match          4.5%; Score 13; DB 1; Length 16;
Best Local Similarity 61.5%; Pred. No. 29;
Matches 8; Conservative 5; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      818 GGGTTGGCTGTGT 830
      |||:||||:|:|:|
DB      2 GGGUGGCGUGUGU 14
```

```
RESULT 54
US-10-712-672-108
/ Sequence 108, Application US/10712672
/ Publication No. US20040102413A1
/ GENERAL INFORMATION:
/ APPLICANT: Ribozyme Pharmaceuticals, Inc.
/ APPLICANT: Chowrira, Bharat
/ APPLICANT: MCSwigen, Jim
/ APPLICANT: Stinchcomb, Dan
/ TITLE OF INVENTION: Method and Reagent for the Inhibition of Telomerase Enzyme
/ FILE REFERENCE: MBH00-882-C (400/019)
/ CURRENT FILING DATE: 2003-11-13
/ PRIOR APPLICATION NUMBER: US/09/653,225
/ PRIOR FILING DATE: 2000-08-31
/ PRIOR APPLICATION NUMBER: 60/197,769
/ PRIOR FILING DATE: 2000-04-14
/ PRIOR APPLICATION NUMBER: 60/150,713
/ PRIOR FILING DATE: 1999-08-31
/ NUMBER OF SEQ ID NOS: 5586
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO: 108
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: Homo sapiens
US-10-712-672-108
```

```
Query Match          4.5%; Score 13; DB 1; Length 17;
Best Local Similarity 61.5%; Pred. No. 35;
Matches 8; Conservative 5; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      818 GGGTTGGCTGTGT 830
      |||:||||:|:|:|
DB      5 GGGUGGCGUGUGU 17
```

```
RESULT 55
US-10-712-672-837
/ Sequence 837, Application US/10712672
/ Publication No. US20040102413A1
/ GENERAL INFORMATION:
/ APPLICANT: Ribozyme Pharmaceuticals, Inc.
/ APPLICANT: Chowrira, Bharat
/ APPLICANT: MCSwigen, Jim
/ APPLICANT: Stinchcomb, Dan
/ TITLE OF INVENTION: Method and Reagent for the Inhibition of Telomerase Enzyme
/ FILE REFERENCE: MBH00-882-C (400/019)
/ CURRENT FILING DATE: 2003-11-13
/ PRIOR APPLICATION NUMBER: US/09/653,225
```

```
/ PRIOR FILING DATE: 2000-08-31
/ PRIOR APPLICATION NUMBER: 60/197,769
/ PRIOR FILING DATE: 2000-04-14
/ PRIOR APPLICATION NUMBER: 60/150,713
/ PRIOR FILING DATE: 1999-08-31
/ NUMBER OF SEQ ID NOS: 5586
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO: 837
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: Homo sapiens
US-10-712-672-837
```

```
Query Match          4.5%; Score 13; DB 1; Length 17;
Best Local Similarity 61.5%; Pred. No. 35;
Matches 8; Conservative 5; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      818 GGGTTGGCTGTGT 830
      |||:||||:|:|:|
DB      1 GGGUGGCGUGUGU 13
```

```
RESULT 56
US-09-866-108-227
/ Sequence 227, Application US/09866108
/ Patent No. US20020048800A1
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharon G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wenheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ FILE REFERENCE: AEOmica-7
/ CURRENT FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US/09/866,108
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00662
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00661
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00670
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: US 60/234,687
/ PRIOR FILING DATE: 2000-09-21
/ PRIOR APPLICATION NUMBER: US 60/266,860
/ PRIOR FILING DATE: 2001-02-05
/ NUMBER OF SEQ ID NOS: 15752
/ SOFTWARE: AeoMica Sequence Listing Engine
/ SEQ ID NO: 227
/ LENGTH: 17
/ TYPE: DNA
```

ORGANISM: Homo sapiens
US-09-866-108-227

Query Match 4.4%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 38;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 797 CAAGAGCTCTCTCCCA 812
DB 2 CAAGAGCCTCCACCA 17

RESULT 57

US-09-866-108-228
Sequence 228, Application US/09866108
Patent No. US20020048800A1
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108
PRIOR FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263,6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00662
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 60/266,860
PRIOR FILING DATE: 2001-02-05
NUMBER OF SEQ ID NOS: 15752
SOFTWARE: Aeomica Sequence Listing Engine
SEQ ID NO 228
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108-228

Query Match 4.4%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 38;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 797 CAAGAGCTCTCTCCCA 812
DB 1 CAAGAGCCTCCACCA 16

RESULT 58

US-09-866-108-6096
Sequence 6096, Application US/09866108
Patent No. US20020048800A1
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108
PRIOR FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263,6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00662
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 60/266,860
PRIOR FILING DATE: 2001-02-05
NUMBER OF SEQ ID NOS: 15752
SOFTWARE: Aeomica Sequence Listing Engine
SEQ ID NO 6096
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108-6096

Query Match 4.4%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 38;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 775 CTGAGGAGCCCTC 790
DB 2 CTGAGGAGCCCTC 17

RESULT 59

US-09-866-108-6097
Sequence 6097, Application US/09866108
Patent No. US20020048800A1
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.

```

; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOmica-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: AeoMica Sequence Listing Engine
; SEQ ID NO 6097
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108-6097

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```

Query Match 4.4%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 38;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

```

QY 775 CTGAGGGGAGCCCTC 750
DB 1 CTGTGAGCAGCCCTC 16

```

```

RESULT 60
US-09-730-289B-490
; Sequence 490, Application US/09730289B
; Publication No. US20030050259A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwigen, Jim
; TITLE OF INVENTION: Method and Reagent for Treatment of Cardiac Disease
; FILE REFERENCE: MBH00-864-A (400/006)
; CURRENT APPLICATION NUMBER: US/09/730,289B
; CURRENT FILING DATE: 2000-12-05
; PRIOR APPLICATION NUMBER: US 60/169,100
; PRIOR FILING DATE: 1999-12-06
; NUMBER OF SEQ ID NOS: 3897
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 490
; LENGTH: 17

```

```

; TYPE: RNA
; ORGANISM: Homo sapiens
; US-09-730-289B-490

```

```

Query Match 4.4%; Score 12.8; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 38;
Matches 12; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

```

```

QY 952 AGAAGGCCAATTGA 967
DB 1 AGAAGGCCCAUGA 16

```

```

RESULT 61
US-09-780-533A-771
; Sequence 771, Application US/09780533A
; Publication No. US20030060611A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwigen, Jim
; APPLICANT: Chowrita, Bharat
; APPLICANT: Haebertl, Pete
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO Gene
; FILE REFERENCE: MBH00,878-A (400/011)
; CURRENT APPLICATION NUMBER: US/09/780,533A
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: US 60/181,797
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 6679
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 771
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
; US-09-780-533A-771

```

```

Query Match 4.4%; Score 12.8; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 38;
Matches 12; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

```

```

QY 920 CATCACACCCCTC 935
DB 2 CAUCAUCACACCCCTC 17

```

```

RESULT 62
US-09-780-533A-1724/C
; Sequence 1724, Application US/09780533A
; Publication No. US20030060611A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwigen, Jim
; APPLICANT: Chowrita, Bharat
; APPLICANT: Haebertl, Pete
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO Gene
; FILE REFERENCE: MBH00,878-A (400/011)
; CURRENT APPLICATION NUMBER: US/09/780,533A
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: US 60/181,797
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 6679
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1724
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
; US-09-780-533A-1724

```

QY 891 TTACTTCAGCTTCT 906
| | | | | | | | | |
DB 17 TTTTCTCAGCTTCT 2

RESULT 63
US-09-848-754A-3427/C
; Sequence 3427, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; FILE REFERENCE: MBH800-958-1 (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3427
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-3427

Query Match 4.4%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 38;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 897 CTCAGCTTCGCGATC 912
| | | | | | | | | |
DB 17 CTCACCTTCTCGGATC 2

RESULT 64
US-09-848-754A-3428/C
; Sequence 3428, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; FILE REFERENCE: MBH800-958-1 (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3428
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-3428

Query Match 4.4%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 38;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 895 TTCTCAGCTTCGCGA 910
| | | | | | | | | |
DB 16 TTCTCAGCTTCGCGA 1

RESULT 65
US-09-776-474-812/C
; Sequence 812, Application US/09776474
; Publication No. US20030087847A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Jarvis, Thale
; APPLICANT: Soother, Robert
; APPLICANT: Holman, Patricia
; APPLICANT: Fattaeey, Ali
; APPLICANT: McSwiggen, Jim

; TITLE OF INVENTION: Method and Reagent for the Inhibition of Checkpoint Kinase-1 (CHK
; FILE REFERENCE: MBH800-955-A (400/008)
; CURRENT APPLICATION NUMBER: US/09/776,474
; CURRENT FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,983
; NUMBER OF SEQ ID NOS: 2992
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 812
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-776-474-812

Query Match 4.4%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 38;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 796 CCAAGAGCTCTCCTCC 811
| | | | | | | | | |
DB 16 CAAAAGCTCTCCTCC 1

RESULT 66
US-09-780-164-859/C
; Sequence 859, Application US/09780164
; Publication No. US20030092646A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Inhibition of CD20
; FILE REFERENCE: 400/010
; CURRENT APPLICATION NUMBER: US/09/780,164
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/185,516
; PRIOR FILING DATE: 2000-02-28
; NUMBER OF SEQ ID NOS: 2603
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 859
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-164-859

Query Match 4.4%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 38;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 844 TGAAGACAGCTCCTG 859
| | | | | | | | | |
DB 17 TGAAGACATCTCCTG 2

RESULT 67
US-09-740-332-4350/C
; Sequence 4350, Application US/09740332
; Publication No. US20030125270A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; FILE REFERENCE: RPI 400/003
; CURRENT APPLICATION NUMBER: US/09/740,332
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9704
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4350
; LENGTH: 17
; TYPE: RNA


```

; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-740-332-4350
```

```
Query Match          4.4%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 38;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      765 GCCTCCACTTCTGAGG 760
Db      16 GCCTCCGCTTATGAGG 1
```

```
RESULT 68
US-09-817-879-4350/c
; Sequence 4350, Application US/09817879
; Publication No. US2003017131A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; TITLE OF INVENTION: Hepatitis C Virus Infection
; FILE REFERENCE: MHB00-801-F
; CURRENT APPLICATION NUMBER: US/09/817,879
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9703
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4350
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-817-879-4350
```

```
Query Match          4.4%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 38;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      765 GCCTCCACTTCTGAGG 760
Db      16 GCCTCCGCTTATGAGG 1
```

```
RESULT 69
US-09-918-715-323
; Sequence 323, Application US/09918715
; Publication No. US20030017157A1
; GENERAL INFORMATION:
; APPLICANT: Brad St. Croix
; APPLICANT: Bert Vogelstein
; APPLICANT: Kenneth Kinzler
; TITLE OF INVENTION: ENDOTHELIAL CELL EXPRESSION PATTERNS
; FILE REFERENCE: 1107.00134
; CURRENT APPLICATION NUMBER: US/09/918,715
; CURRENT FILING DATE: 2001-08-01
; PRIOR APPLICATION NUMBER: 60/222,599
; PRIOR FILING DATE: 2000-08-02
; PRIOR APPLICATION NUMBER: 60/224,360
; PRIOR FILING DATE: 2000-08-11
; PRIOR APPLICATION NUMBER: 60/282,850
; PRIOR FILING DATE: 2000-04-11
; NUMBER OF SEQ ID NOS: 358
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 323
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-918-715-323
```

```
Query Match          4.4%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 38;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      706 AGCGAGTCCGAGGAGA 721
Db      2 AGTAGACCCGAGGAGA 17
```

```
RESULT 70
US-10-060-756A-1567
; Sequence 1567, Application US/10060756A
; Publication No. US20030046717A1
; GENERAL INFORMATION:
; APPLICANT: Zhang, Jian
; TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
; FILE REFERENCE: PB0177
; CURRENT APPLICATION NUMBER: US/10/060,756A
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/327,898
; PRIOR FILING DATE: 2001-10-09
; NUMBER OF SEQ ID NOS: 4804
; SOFTWARE: Aecmica Sequence Listing Engine
; SEQ ID NO 1567
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-756A-1567
```

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Query Match          4.4%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 38;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      915 ATTATCATCACCACCA 930
Db      2 ATTACAATCACCACCA 17
```

```
RESULT 71
US-10-060-756A-1568
; Sequence 1568, Application US/10060756A
; Publication No. US20030046717A1
; GENERAL INFORMATION:
; APPLICANT: Zhang, Jian
; TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
; FILE REFERENCE: PB0177
; CURRENT APPLICATION NUMBER: US/10/060,756A
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
```

PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 09/864,761
PRIOR FILING DATE: 2001-05-23
PRIOR APPLICATION NUMBER: US 60/327,898
PRIOR FILING DATE: 2001-10-09
NUMBER OF SEQ ID NOS: 4604
SOFTWARE: Aecmica Sequence Listing Engine
SEQ ID NO 1568
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-10-060-756A-1568

Query Match 4.4%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 38;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 915 ATTATCATCACCA 930
DB 1 ATTATCATCACCA 16

RESULT 72
US-10-211-059-153
Sequence 153, Application US/10211059
Publication No. US20030100495A1
GENERAL INFORMATION:
APPLICANT: Zhang, Jian
TITLE OF INVENTION: HUMAN NAC-1 PROTEIN
FILE REFERENCE: PB0149
CURRENT APPLICATION NUMBER: US/10/211,059
CURRENT FILING DATE: 2002-08-02
PRIOR APPLICATION NUMBER: US 60/311,034
PRIOR FILING DATE: 2001-08-08
NUMBER OF SEQ ID NOS: 322
SOFTWARE: Aecmica Sequence Listing Engine
SEQ ID NO 153
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-10-211-059-153

Query Match 4.4%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 38;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 777 GAGGCGAGCCCTCTG 792
DB 2 GAGGCGAGCCCTCTG 17

RESULT 73
US-10-211-059-154
Sequence 154, Application US/10211059
Publication No. US20030100495A1
GENERAL INFORMATION:
APPLICANT: Zhang, Jian
TITLE OF INVENTION: HUMAN NAC-1 PROTEIN
FILE REFERENCE: PB0149
CURRENT APPLICATION NUMBER: US/10/211,059
CURRENT FILING DATE: 2002-08-02
PRIOR APPLICATION NUMBER: US 60/311,034
PRIOR FILING DATE: 2001-08-08
NUMBER OF SEQ ID NOS: 322
SOFTWARE: Aecmica Sequence Listing Engine
SEQ ID NO 154
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-10-211-059-154

Query Match 4.4%; Score 12.8; DB 1; Length 17;

Best Local Similarity 87.5%; Pred. No. 38;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 777 GAGGCGAGCCCTCTG 792
DB 1 GAGGCGAGCCCTCTG 16

RESULT 74
US-10-061-201-715
Sequence 715, Application US/10061201
Publication No. US20030166229A1
GENERAL INFORMATION:
APPLICANT: Shannon, Mark
TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
FILE REFERENCE: PB0178
CURRENT APPLICATION NUMBER: US/10/061,201
CURRENT FILING DATE: 2002-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 09/864,761
PRIOR FILING DATE: 2001-05-23
PRIOR APPLICATION NUMBER: US 60/328,205
PRIOR FILING DATE: 2001-10-10
NUMBER OF SEQ ID NOS: 4162
SOFTWARE: Aecmica Sequence Listing Engine
SEQ ID NO 715
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-10-061-201-715

Query Match 4.4%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 38;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 838 CTCTCTGAAGACAGC 853
DB 2 CTCTCCGAGACAGC 17

RESULT 75
US-10-061-201-716
Sequence 716, Application US/10061201
Publication No. US20030166229A1
GENERAL INFORMATION:
APPLICANT: Shannon, Mark
TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
FILE REFERENCE: PB0178
CURRENT APPLICATION NUMBER: US/10/061,201
CURRENT FILING DATE: 2002-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30

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; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/328,205
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Aecmca Sequence Listing Engine
; SEQ ID NO 716
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-061-201-716
```

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Query Match      4.4%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 38;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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QY      838 CTTCTCTGAAGACAGC 853
Db      1 CTTCTCTGAGAGACAGC 16
```

```

RESULT 76
US-10-138-674-6327/c
; Sequence 6327, Application US/10138674
; Publication No. US2004007565A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MEBH00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6327
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674-6327
```

```

Query Match      4.4%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 38;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```

QY      821 TTGGCTGTGTCTCTTT 836
Db      16 TTTCCTGTGTCTCTTT 1
```

```

RESULT 77
US-10-287-949A-6327/c
; Sequence 6327, Application US/10287949A
; Publication No. US20040102389A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
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; FILE REFERENCE: MEBH00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/287,949A
; CURRENT FILING DATE: 2003-04-11
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6327
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-287-949A-6327
```

```

Query Match      4.4%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 38;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```

QY      821 TTGGCTGTGTCTCTTT 836
Db      16 TTTCCTGTGTCTCTTT 1
```

```

RESULT 78
US-10-712-672-212/c
; Sequence 212, Application US/10712672
; Publication No. US20040102413A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Chowitra, Bharat
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Telomerase Enzyme
; FILE REFERENCE: MEBH00-882-C (400/019)
; CURRENT APPLICATION NUMBER: US/10/712,672
; CURRENT FILING DATE: 2003-11-13
; PRIOR APPLICATION NUMBER: US/09/653,225
; PRIOR FILING DATE: 2000-08-31
; PRIOR APPLICATION NUMBER: 60/197,769
; PRIOR FILING DATE: 2000-04-14
; PRIOR APPLICATION NUMBER: 60/150,713
; PRIOR FILING DATE: 1999-08-31
; NUMBER OF SEQ ID NOS: 5586
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 212
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-712-672-212
```

```

Query Match      4.4%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 38;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```

QY      728 CTGTCATAGGACTTG 743
Db      16 CTGAGCTAGGACTTG 1
```

```

RESULT 79
US-10-712-1043/c
; Sequence 1043, Application US/10712672
; Publication No. US20040102413A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Chowitra, Bharat
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Telomerase Enzyme
; FILE REFERENCE: MEBH00-882-C (400/019)
; CURRENT APPLICATION NUMBER: US/10/712,672
; CURRENT FILING DATE: 2003-11-13
; PRIOR APPLICATION NUMBER: US/09/653,225
; PRIOR FILING DATE: 2000-08-31
; PRIOR APPLICATION NUMBER: 60/197,769
; PRIOR FILING DATE: 2000-04-14
```

PRIOR APPLICATION NUMBER: 60/150,713
PRIOR FILING DATE: 1999-08-31
NUMBER OF SEQ ID NOS: 5586
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1043
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-10-712-672-1043

Query Match 4.4%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 38;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 728 CTGTCATAGGACTTG 743
DB 17 CTGACCTAGGACTTG 2

RESULT 80
US-10-712-672-1421
Sequence 1421, Application US/10712672
Publication No. US20040102413A1
GENERAL INFORMATION:
APPLICANT: Ribozyne Pharmaceuticals, Inc.
APPLICANT: Chowitra, Bharat
APPLICANT: McSwigen, Jim
APPLICANT: Stinchcomb, Dan
TITLE OF INVENTION: Method and Reagent for the Inhibition of Telomerase Enzyme
FILE REFERENCE: MEH300-882-C (400/019)
CURRENT APPLICATION NUMBER: US/10/712,672
CURRENT FILING DATE: 2003-11-13
PRIOR APPLICATION NUMBER: US/09/653,225
PRIOR FILING DATE: 2000-08-31
PRIOR APPLICATION NUMBER: 60/197,769
PRIOR FILING DATE: 2000-04-14
PRIOR APPLICATION NUMBER: 60/150,713
PRIOR FILING DATE: 1999-08-31
NUMBER OF SEQ ID NOS: 5586
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1421
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-10-712-672-1421

Query Match 4.4%; Score 12.8; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 38;
Matches 13; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 923 CACCACCCTCCAG 938
DB 2 CACCCACACCCAG 17

RESULT 81
US-09-955-410-33/C
Sequence 33, Application US/09955410
Patent No. US20020146718A1
GENERAL INFORMATION:
APPLICANT: Buchardt, Ole
APPLICANT: Egholm, Michael
APPLICANT: Nielsen, Peter Bigil
APPLICANT: Berg, Rolf Henrik
TITLE OF INVENTION: Peptide Nucleic Acids Having 2,6-Diaminopurine Nucleobases
FILE REFERENCE: IS184800
CURRENT APPLICATION NUMBER: US/09/955,410
CURRENT FILING DATE: 2001-09-18
PRIOR APPLICATION NUMBER: 08/108,591
PRIOR FILING DATE: 1993-11-22
PRIOR APPLICATION NUMBER: 09/686,114
PRIOR FILING DATE: 1996-07-24
NUMBER OF SEQ ID NOS: 43

SOFTWARE: PatentIn version 3.1
SEQ ID NO 33
LENGTH: 16
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: No. US20020146718A1el Sequence
US-09-955-410-33

Query Match 4.3%; Score 12.4; DB 1; Length 16;
Best Local Similarity 92.9%; Pred. No. 38;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 829 GTCTCTTTCTCT 842
DB 16 GTCACTTTCTCT 3

RESULT 82
US-10-154-890-33/C
Sequence 33, Application US/10154890
Publication No. US20030180734A1
GENERAL INFORMATION:
APPLICANT: Buchardt, Ole
APPLICANT: Egholm, Michael
APPLICANT: Nielsen, Peter Bigil
APPLICANT: Berg, Rolf Henrik
TITLE OF INVENTION: Peptide Nucleic Acids
FILE REFERENCE: IS105040
CURRENT APPLICATION NUMBER: US/10/154,890
CURRENT FILING DATE: 2002-05-23
PRIOR APPLICATION NUMBER: US/08/108,591
PRIOR FILING DATE: 2001-08-13
NUMBER OF SEQ ID NOS: 43
SOFTWARE: PatentIn version 3.1
SEQ ID NO 33
LENGTH: 16
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: No. US20030180734A1el Sequence
US-10-154-890-33

Query Match 4.3%; Score 12.4; DB 1; Length 16;
Best Local Similarity 92.9%; Pred. No. 38;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 829 GTCTCTTTCTCT 842
DB 16 GTCACTTTCTCT 3

RESULT 83
US-09-504-231A-1053
Sequence 1053, Application US/09504231A
Patent No. US20020013458A1
GENERAL INFORMATION:
APPLICANT: Blatt, Lawrence
APPLICANT: McSwigen, James
APPLICANT: Roberts, Beth
APPLICANT: Pavco, Pamela
APPLICANT: Macejak, Dennis
TITLE OF INVENTION: ENZYMAIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELATE
TITLE OF INVENTION: HEPATITIS C VIRUS INFECTION
FILE REFERENCE: IPI 247/282
CURRENT APPLICATION NUMBER: US/09/504,231A
CURRENT FILING DATE: 2000-02-15
PRIOR APPLICATION NUMBER: 09/274,553
PRIOR FILING DATE: 1999-03-23
PRIOR APPLICATION NUMBER: 09/257,608
PRIOR FILING DATE: 1999-02-24
PRIOR APPLICATION NUMBER: 60/100,842
PRIOR FILING DATE: 1998-09-18

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; SOFTWARE: PatentIn

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RESULT 85
US-10-138-674-4136
; Sequence 4136, Application US/10138674
; Publication NO. US20040077565A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor

; TITLE OF INVENTION: Method and Reagent for the Inhibition of Telomerase Enzymes
; FILE REFERENCE: MBH00-882-C (400/019)
; CURRENT APPLICATION NUMBER: US/10/712,672
; CURRENT FILING DATE: 2003-11-13
; PRIOR APPLICATION NUMBER: US/09/653,225
; PRIOR FILING DATE: 2000-08-31
; PRIOR APPLICATION NUMBER: 60/197,769
; PRIOR FILING DATE: 2000-04-14
; PRIOR APPLICATION NUMBER: 60/150,713
; PRIOR FILING DATE: 1999-08-31
; NUMBER OF SEQ ID NOS: 5586
; SOFTWARE: PatentIn version 3.0

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SEQ ID NO 1632
LENGTH: 16
TYPE: RNA
ORGANISM: Homo sapiens
US-10-712-672-1632

Query Match 4.1%; Score 12; DB 1; Length 16;
Best Local Similarity 58.3%; Pred. No. 44;
Matches 7; Conservative 5; Mismatches 0; Indels 0; Gaps 0;

QY 819 GGTTGGCTGTGT 830
DB 1 GGUGGCGUGUGU 12

RESULT 88
US-09-504-231A-1272/c
Sequence 1272, Application US/09504231A
Patent No. US20020013458A1
GENERAL INFORMATION:

APPLICANT: Blatt, Lawrence
APPLICANT: McSwiggen, James
APPLICANT: Roberts, Beth
APPLICANT: Pavco, Pamela
TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELATE
FILE REFERENCE: TPI 247/282
CURRENT APPLICATION NUMBER: US/09/504,231A
CURRENT FILING DATE: 2000-02-15
PRIOR APPLICATION NUMBER: 09/274,553
PRIOR FILING DATE: 1999-03-23
PRIOR APPLICATION NUMBER: 09/257,608
PRIOR FILING DATE: 1999-02-24
PRIOR APPLICATION NUMBER: 60/100,842
PRIOR FILING DATE: 1998-09-18
PRIOR APPLICATION NUMBER: 60/083,217
PRIOR FILING DATE: 1998-04-27
NUMBER OF SEQ ID NOS: 3242
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1272
LENGTH: 15
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target
US-09-504-231A-1272

Query Match 4.1%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 40;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 717 GGAGAGTGAAGCTGG 731
DB 15 GGAGAGTGAAGCTGG 1

RESULT 89
US-09-274-553D-1272/c
Sequence 1272, Application US/09274553D
Patent No. US2002008225A1
GENERAL INFORMATION:
APPLICANT: Blatt, Lawrence
APPLICANT: McSwiggen, James
APPLICANT: Roberts, Beth
APPLICANT: Pavco, Pamela
TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELATE
FILE REFERENCE: TPI 247/282
CURRENT APPLICATION NUMBER: US/09/274,553D
CURRENT FILING DATE: 1999-03-23
PRIOR APPLICATION NUMBER: 09/257,608

PRIOR FILING DATE: 1999-02-24
PRIOR APPLICATION NUMBER: 60/100,842
PRIOR FILING DATE: 1998-09-18
PRIOR APPLICATION NUMBER: 60/083,217
PRIOR FILING DATE: 1998-04-27
NUMBER OF SEQ ID NOS: 3148
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1272
LENGTH: 15
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target
US-09-274-553D-1272

Query Match 4.1%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 40;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 717 GGAGAGTGAAGCTGG 731
DB 15 GGAGAGTGAAGCTGG 1

RESULT 90
US-10-347-510A-6

Sequence 6, Application US/10347510A
Publication No. US20040063110A1
GENERAL INFORMATION:
APPLICANT: Henrik Stender
Kaare Lund

Tina Anderson Hollerup

TITLE OF INVENTION: No. US20040063110A1 Process For The Detection of Mycobact

NUMBER OF SEQUENCES: 123

CORRESPONDENCE ADDRESS:

ADDRESSEE: FINNEGAN, HENDERSON, FARABOW, GARRETT, & DUNNER

STREET: 1300 I ST. NW

CITY: Washington

STATE: District of Columbia

COUNTRY: USA

ZIP: 20005

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk 3.5 inch

COMPUTER: IBM PC compatible

OPERATING SYSTEM: ASCII

SOFTWARE: Microsoft Word

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/10/347,510A

FILING DATE: 21-Jan-2003

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 60/028,392

FILING DATE: 15-Oct-96

APPLICATION NUMBER: 60/029,595

FILING DATE: 23-Oct-96

APPLICATION NUMBER: 60/045,962

FILING DATE: 08-May-97

APPLICATION NUMBER: 08/943,777

FILING DATE: 3-Oct-97

ATTORNEY/AGENT INFORMATION:

NAME: Anthony C. Tridico

REGISTRATION NUMBER: 45,958

TELECOMMUNICATION INFORMATION:

TELEPHONE: (202) 408-4173

TELEFAX: (202) 408-4400

INFORMATION FOR SEQ ID NO: 6:

SEQUENCE CHARACTERISTICS:

LENGTH: 15 basepairs

TYPE: nucleic acid basepairs

STRANDEDNESS: single

TOPOLOGY: linear

SEQUENCE DESCRIPTION: SEQ ID NO: 6:

US-10-347-510A-6

Query Match 4.1%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 40;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 922 TCACACACACCTCC 936
DB 1 TCACACACCTCC 15

RESULT 91
US-09-544-934B-6
Sequence 6, Application US/09544934B
Publication No. US20020137035A1
GENERAL INFORMATION:
APPLICANT: Henrik Stender
Kaare Lund
Tina Anderson Hollerup
TITLE OF INVENTION: Novel Process For The Detection of Mycobacteria
NUMBER OF SEQUENCES: 123
CORRESPONDENCE ADDRESS:
ADDRESSEE: FINNEGAN, HENDERSON, PARABOW, GARRETT, & DUNNER
STREET: 1300 I ST. NW
CITY: Washington
STATE: District of Columbia
COUNTRY: USA
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk 3.5 inch
COMPUTER: IBM PC compatible
OPERATING SYSTEM: AS/400
SOFTWARE: Microsoft Word
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/544,934B
FILING DATE: 07-Apr-2000
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/028,392
FILING DATE: 15-Oct-96
APPLICATION NUMBER: 60/029,595
FILING DATE: 23-Oct-96
APPLICATION NUMBER: 60/045,962
FILING DATE: 08-May-97
APPLICATION NUMBER: 08/943,777
FILING DATE: 3-Oct-97
ATTORNEY/AGENT INFORMATION:
NAME: Anthony C. Tridico
REGISTRATION NUMBER: 45,958
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 408-4173
TELEFAX: (202) 408-4400
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 basepairs
TYPE: nucleic acid basepairs
STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 6:
US-09-544-934B-6

Query Match 4.1%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 40;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 922 TCACACACACCTCC 936
DB 1 TCACACACCTCC 15

RESULT 92
US-10-056-414-96
Sequence 96, Application US/10056414
Publication No. US20030003469A1
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.

Draper, Kenneth G.
McsWigen, James
TITLE OF INVENTION: RIBOZYME TREATMENT OF
DISEASES OR CONDITIONS
RELATED TO LEVELS OF
NF-KB
NUMBER OF SEQUENCES: 830
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/056,414
FILING DATE: 23-Jan-2002
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/291,932A
FILING DATE: August 15, 1994
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/157
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 96:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 96:
US-10-056-414-96

Query Match 4.1%; Score 11.8; DB 1; Length 15;
Best Local Similarity 66.7%; Pred. No. 40;
Matches 10; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 798 AAGAGCTCTCCCA 812
DB 1 AAGAGCTCTCCCA 15

RESULT 93
US-10-056-414-285
Sequence 285, Application US/10056414
Publication No. US20030003469A1
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
Draper, Kenneth G.
McsWigen, James
TITLE OF INVENTION: RIBOZYME TREATMENT OF
DISEASES OR CONDITIONS
RELATED TO LEVELS OF
NF-KB
NUMBER OF SEQUENCES: 830
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon

```

/ STREET: 633 West Fifth Street
/ Suite 4700
/ CITY: Los Angeles
/ STATE: California
/ COUNTRY: U.S.A.
/ ZIP: 90071-2066
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5" Diskette, 1.44 MB
/ storage
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: IBM P.C. DOS 5.0
/ SOFTWARE: Word Perfect 5.1
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/10/056,414
/ FILING DATE: 23-Jan-2002
/ CLASSIFICATION: <Unknown>
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US/08/291,932A
/ FILING DATE: August 15, 1994
/ APPLICATION NUMBER: 08/245,466
/ FILING DATE: May 18, 1994
/ APPLICATION NUMBER: 07/987,132
/ FILING DATE: December 7, 1992
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Warburg, Richard J.
/ REGISTRATION NUMBER: 32,327
/ REFERENCE/DOCKET NUMBER: 208/157
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (213) 489-1600
/ TELEFAX: (213) 955-0440
/ TELEX: 67-3510
/ INFORMATION FOR SEQ ID NO: 285:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 15 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ SEQUENCE DESCRIPTION: SEQ ID NO: 285:
/ US-10-056-414-285

Query Match 4.1%; Score 11.8; DB 1; Length 15;
Best Local Similarity 66.7%; Pred. No. 40;
Matches 10; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

Qy 798 AAGAGCTCTCTCTCA 812
Db 1 AAGACUCUCUCUCUCA 15

RESULT 94
US-10-084-839-3561/c
/ Sequence 3561, Application US/10084839
/ Publication No. US20030186238A1
/ GENERAL INFORMATION:
/ APPLICANT: Third Wave Technologies
/ APPLICANT: Allawi, Hatim
/ APPLICANT: Argue, Brad T.
/ APPLICANT: Bartholomay, Christian T.
/ APPLICANT: Chehak, LuAnne
/ APPLICANT: Curtis, Michelle L.
/ APPLICANT: Ets, Peggy S.
/ APPLICANT: Hall, Jeff G.
/ APPLICANT: ID, Hon S.
/ APPLICANT: ID, Lin
/ APPLICANT: Kaiser, Michael
/ APPLICANT: Kwiatkowski, Jr., Robert W.
/ APPLICANT: Lukowiak, Andrew A.
/ APPLICANT: Lyamichev, Victor
/ APPLICANT: Lyamacheva, Natalie E.
/ APPLICANT: Ma, Mupo
/ APPLICANT: Neel, Bruce P.
/ APPLICANT: Olson, Sarah M.
/ APPLICANT: Olson-Munoz, Marilyn C.

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/ APPLICANT: Schaefer, James J.
/ APPLICANT: Skrzypczynski, Zbigniew
/ APPLICANT: Takova, Tsetska Y.
/ APPLICANT: Thompson, Lisa C.
/ APPLICANT: Vedvik, Kevin L.
/ TITLE OF INVENTION: RNA Detection Assays
/ FILE REFERENCE: FORS-0666
/ CURRENT APPLICATION NUMBER: US/10/084,839
/ CURRENT FILING DATE: 2002-02-26
/ NUMBER OF SEQ ID NOS: 4004
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 3561
/ LENGTH: 15
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic
/ US-10-084-839-3561

Query Match 4.1%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 40;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 925 CCACCACCTCCAGA 939
Db 15 CCACCACCTCCAGA 1

RESULT 95
US-10-091-281-113/c
/ Sequence 113, Application US/10091281
/ Publication No. US20030190617A1
/ GENERAL INFORMATION:
/ APPLICANT: RAYMOND, VINCENT
/ APPLICANT: ST, ERWIN
/ APPLICANT: MORISSETTE, JEAN
/ TITLE OF INVENTION: OPTINEURIN NUCLEIC ACID MOLECULES AND USES THEREOF
/ FILE REFERENCE: 13587.338
/ CURRENT APPLICATION NUMBER: US/10/091,281
/ CURRENT FILING DATE: 2002-03-06
/ NUMBER OF SEQ ID NOS: 463
/ SOFTWARE: PatentIn Ver. 2.1
/ SEQ ID NO 113
/ LENGTH: 15
/ TYPE: DNA
/ ORGANISM: Homo sapiens
/ FEATURE:
/ OTHER INFORMATION: Putative EVI1/EVI1.03 motif
/ US-10-091-281-113

Query Match 4.1%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 40;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 830 TCTCTTTTCTTCTCT 844
Db 15 TATCTTTTCTTCTCT 1

RESULT 96
US-10-440-850-717/c
/ Sequence 717, Application US/10440850
/ Publication No. US20030207837A1
/ GENERAL INFORMATION:
/ APPLICANT: Ribozyne Pharmaceuticals, Inc.
/ APPLICANT: Stinchcomb, Dan
/ APPLICANT: Jarvis, Thale
/ APPLICANT: McSwiggen, Jim
/ TITLE OF INVENTION: Method and Reagent for the Induction of Graft Tolerance and Reversal
/ FILE REFERENCE: 250/130 (MBH00-900-A)
/ CURRENT APPLICATION NUMBER: US/10/440,850
/ CURRENT FILING DATE: 2003-05-19

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; PRIOR APPLICATION NUMBER: US/09/650,012
 ; PRIOR FILING DATE: 2000-08-28
 ; PRIOR APPLICATION NUMBER: US 08/585,684
 ; PRIOR FILING DATE: 1996-01-12
 ; PRIOR APPLICATION NUMBER: US 60/000,951
 ; PRIOR FILING DATE: 1995-07-07
 ; PRIOR APPLICATION NUMBER: US 09/038,073
 ; PRIOR FILING DATE: 1998-03-11
 ; NUMBER OF SEQ ID NOS: 2285
 ; SOFTWARE: Patentin version 3.0
 ; SEQ ID NO 717
 ; LENGTH: 15
 ; TYPE: RNA
 ; ORGANISM: Mus musculus
 US-10-440-850-717

Query Match 4.1%; Score 11.8; DB 1; Length 15;
 Best Local Similarity 86.7%; Pred. No. 40;
 Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 900 AGCTTCTGCATCAG 914
 DB 15 AGCATCTGAGATCAG 1

RESULT 97
 US-09-504-231A-571
 ; Sequence 571, Application US/09504231A
 ; Patent No. US20020013458A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Blatt, Lawrence
 ; APPLICANT: McSwiggen, James
 ; APPLICANT: Roberts, Beth
 ; APPLICANT: Pavco, Pamela
 ; APPLICANT: Macejak, Dennis
 ; TITLE OF INVENTION: ENZYMAIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELATE
 ; FILE REFERENCE: FDI 247/282
 ; CURRENT APPLICATION NUMBER: US/09/504,231A
 ; CURRENT FILING DATE: 2000-02-15
 ; PRIOR APPLICATION NUMBER: 09/274,553
 ; PRIOR FILING DATE: 1999-03-23
 ; PRIOR APPLICATION NUMBER: 09/257,608
 ; PRIOR FILING DATE: 1999-02-24
 ; PRIOR APPLICATION NUMBER: 60/100,842
 ; PRIOR FILING DATE: 1998-09-18
 ; PRIOR APPLICATION NUMBER: 60/083,217
 ; PRIOR FILING DATE: 1998-04-27
 ; NUMBER OF SEQ ID NOS: 3242
 ; SOFTWARE: Patentin version 3.0
 ; SEQ ID NO 571
 ; LENGTH: 15
 ; TYPE: RNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target
 US-09-504-231A-571

Query Match 3.9%; Score 11.4; DB 1; Length 15;
 Best Local Similarity 69.2%; Pred. No. 47;
 Matches 9; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 805 CTCCTCCAACTCA 817
 DB 3 CUCGUCCAACUCA 15

RESULT 98
 US-09-179-536B-31
 ; Sequence 31, Application US/09179536B
 ; Patent No. US20020042112A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Hubert K ster

David M. Lough
 Guobing Xiang
 TITLE OF INVENTION: DNA DIAGNOSTICS BASED ON MASS SPECTROMETRY
 NUMBER OF SEQUENCES: 320
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Heller Ehtman White & McAniff
 STREET: 4250 Executive Square, 7th Floor
 CITY: La Jolla
 STATE: CA
 COUNTRY: USA
 ZIP: 92037
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Diskette
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: DOS
 SOFTWARE: ASCII
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/179,536B
 FILING DATE: 26-Oct-1998
 CLASSIFICATION: <Unknown>
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: PCT/US97/20444
 FILING DATE: 06-NOV-1997
 APPLICATION NUMBER: 08/947,801
 FILING DATE: 08-Oct-97
 APPLICATION NUMBER: 08/933,792
 FILING DATE: 19-Sep-97
 APPLICATION NUMBER: 08/787,639
 FILING DATE: 23-Jan-97
 APPLICATION NUMBER: 08/786,988
 FILING DATE: 23-Jan-97
 APPLICATION NUMBER: 08/746,055
 FILING DATE: 06-NO. US20020042112A1-96
 APPLICATION NUMBER: 08/746,036
 FILING DATE: 06-NO. US20020042112A1-96
 APPLICATION NUMBER: 08/744,590
 FILING DATE: 06-NO. US20020042112A1-96
 APPLICATION NUMBER: 08/744,481
 FILING DATE: 06-NO. US20020042112A1-96
 ATTORNEY/AGENT INFORMATION:
 NAME: Seidman, Stephanie L
 REGISTRATION NUMBER: 33,779
 REFERENCE/DOCKET NUMBER: 24736-2004B
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 858-450-8400
 TELEFAX: 858-587-5360
 TELEX: <Unknown>
 INFORMATION FOR SEQ ID NO: 31:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 15 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: unknown
 MOLECULE TYPE: CDNA
 HYPOTHETICAL: NO
 ANTI-SENSE: NO
 FRAGMENT TYPE: <Unknown>
 ORIGINAL SOURCE:
 SEQUENCE DESCRIPTION: SEQ ID NO: 31:
 US-09-179-536B-31

Query Match 3.9%; Score 11.4; DB 1; Length 15;
 Best Local Similarity 92.3%; Pred. No. 47;
 Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 792 GGTGCAAGAGCT 804
 DB 3 GGTTCAGAGCT 15

RESULT 99
 US-09-274-553D-571
 ; Sequence 571, Application US/09274553D

Patent No. US2002008225A1
GENERAL INFORMATION:
APPLICANT: Blatt, Lawrence
APPLICANT: McSwigen, James
APPLICANT: Roberts, Beth
APPLICANT: Pavco, Pamela
APPLICANT: Macejak, Dennis
TITLE OF INVENTION: HEPATITIS C VIRUS INFECTION
FILE REFERENCE: IP: 247/282
CURRENT APPLICATION NUMBER: US/09/1274,553D
CURRENT FILING DATE: 1999-03-23
PRIOR APPLICATION NUMBER: 09/257,608
PRIOR FILING DATE: 1999-02-24
PRIOR APPLICATION NUMBER: 60/100,842
PRIOR FILING DATE: 1998-09-18
PRIOR APPLICATION NUMBER: 60/083,217
PRIOR FILING DATE: 1998-04-27
NUMBER OF SEQ ID NOS: 3148
SOFTWARE: PatentIn version 3.0
SEQ ID NO 571
LENGTH: 15
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target
US-09-274-553D-571

Query Match 3.9%; Score 11.4; DB 1; Length 15;
Best Local Similarity 69.2%; Pred. No. 47;
Matches 9; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 805 CTGCTCCCACTCA 817
DB 3 CCGCUCCAACUCA 15

RESULT 100
US-09-297-576A-31
Sequence 31, Application US/09297576A
Publication No. US20030129589A1
GENERAL INFORMATION:
APPLICANT: KOSTER, Hubert
APPLICANT: LITTLE, Daniel P.
APPLICANT: BRAUN, Andreas
APPLICANT: LOUGH, David M.
APPLICANT: XIANG, Guobing
APPLICANT: VAN DEN BOOM, Dirk
APPLICANT: URINKER, Christian
APPLICANT: RUPPERT, Andreas
TITLE OF INVENTION: DNA DIAGNOSTICS BASED ON MASS SPECTROMETRY
NUMBER OF SEQUENCES: 320
CORRESPONDENCE ADDRESS:
ADDRESSEE: Heller Ehrman White & McNuliffe
STREET: 4250 Executive Square, 7th Floor
CITY: La Jolla
STATE: CA
COUNTRY: USA
ZIP: 92037
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM compatible
OPERATING SYSTEM: DOS
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/297,576A
FILING DATE: 07-Jun-2000
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 06/947,801
FILING DATE: 08-Oct-97
APPLICATION NUMBER: 06/933,792
FILING DATE: 19-Sep-97

APPLICATION NUMBER: 08/787,639
FILING DATE: 23-Jan-97
APPLICATION NUMBER: 08/786,988
FILING DATE: 23-Jan-97
APPLICATION NUMBER: 08/746,055
FILING DATE: 06-No. US20030129589A1-96
APPLICATION NUMBER: 08/746,036
FILING DATE: 06-No. US20030129589A1-96
APPLICATION NUMBER: 08/744,590
FILING DATE: 06-No. US20030129589A1-96
APPLICATION NUMBER: 08/744,481
FILING DATE: 06-No. US20030129589A1-96
ATTORNEY/AGENT INFORMATION:
NAME: Seidman, Stephanie L.
REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 24736-2004
TELECOMMUNICATION INFORMATION:
TELEPHONE: 858-450-8400
TELEFAX: 858-450-8499
INFORMATION FOR SEQ ID NO: 31:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: unknown
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANT-SENSE: NO
FRAGMENT TYPE: <Unknown>
ORIGINAL SOURCE:
US-09-297-576A-31

Query Match 3.9%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 47;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 792 GTTCCCAAGACT 804
DB 3 GTTCCCAAGACT 15

RESULT 101
US-10-136-829-1
Sequence 1, Application US/10136829
Publication No. US20030096258A1
GENERAL INFORMATION:
APPLICANT: Cantor, Charles
APPLICANT: Fu, Dong-jing
APPLICANT: Kister, Hubert
APPLICANT: Smith, Cassandra
TITLE OF INVENTION: Solid Phase Sequencing of Double-Stranded Nucleic Acids
FILE REFERENCE: 25491-2402D
CURRENT APPLICATION NUMBER: US/10/136,829
CURRENT FILING DATE: 2002-06-27
PRIOR APPLICATION NUMBER: US 08/614,151
PRIOR FILING DATE: 1996-03-12
PRIOR APPLICATION NUMBER: US 08/419,994
PRIOR FILING DATE: 1995-04-11
PRIOR APPLICATION NUMBER: US 08/420,009
PRIOR FILING DATE: 1995-04-11
NUMBER OF SEQ ID NOS: 67
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 1
LENGTH: 15
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide
US-10-136-829-1

Query Match 3.9%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 47;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 792 GGTCACAGAGCT 804
 Db 3 GGTCACAGAGCT 15

RESULT 102
 US-10-136-829-24
 ; Sequence 24, Application US/10116829
 ; Publication No. US20030086258A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Cantor, Charles
 ; APPLICANT: Fu, Dong-Jing
 ; APPLICANT: Kister, Hubert
 ; APPLICANT: Smith, Cassandra
 ; TITLE OF INVENTION: Solid Phase Sequencing of Double-Stranded Nucleic Acids
 ; FILE REFERENCE: 25491-2402D
 ; CURRENT FILING DATE: US/10/136,829
 ; PRIOR FILING DATE: 2002-06-27
 ; PRIOR APPLICATION NUMBER: US 08/614,151
 ; PRIOR FILING DATE: 1996-03-12
 ; PRIOR APPLICATION NUMBER: US 08/419,394
 ; PRIOR FILING DATE: 1995-04-11
 ; PRIOR FILING DATE: 1995-04-11
 ; PRIOR APPLICATION NUMBER: US 08/420,009
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 24
 ; LENGTH: 15
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: TS10 Oligonucleotide Target
 US-10-136-829-24

Query Match 3.9%; Score 11.4; DB 1; Length 15;
 Best Local Similarity 92.3%; Pred. No. 47;
 Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 792 GGTCACAGAGCT 804
 Db 3 GGTCACAGAGCT 15

RESULT 103
 US-10-044-674-54
 ; Sequence 54, Application US/10044674
 ; Publication No. US20030175710A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Chew, Anne
 ; APPLICANT: Denton, R. Rex
 ; APPLICANT: Bieganski, Karyn M
 ; APPLICANT: Nandabalan, Krishnan
 ; APPLICANT: Stephens, J. Claiborne
 ; TITLE OF INVENTION: HAPLOTYPE OF THE TNFRSF1B GENE
 ; FILE REFERENCE: TNFRSF1B MMH-0001US (CIP)
 ; CURRENT APPLICATION NUMBER: US/10/044,674
 ; CURRENT FILING DATE: 2002-01-09
 ; PRIOR FILING DATE: 1995-07-10
 ; PRIOR APPLICATION NUMBER: PCT/US00/18803
 ; PRIOR FILING DATE: 2000-07-10
 ; NUMBER OF SEQ ID NOS: 94
 ; SOFTWARE: PatentIn version 3.1
 ; SEQ ID NO 54
 ; LENGTH: 15
 ; TYPE: DNA
 ; ORGANISM: Homo Sapiens
 US-10-044-674-54

Query Match 3.9%; Score 11.4; DB 1; Length 15;
 Best Local Similarity 80.0%; Pred. No. 47;
 Matches 12; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 841 CTCTGACAGAGCT 855

Db 1 CTCTGACAGAGCT 15

RESULT 104
 US-10-328-194A-4/c
 ; Sequence 4, Application US/10328194A
 ; Publication No. US20030194728A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Klem, Stefanie
 ; APPLICANT: Koshiy, Beena
 ; APPLICANT: Tanguay, Debra
 ; TITLE OF INVENTION: HAPLOTYPE OF THE SLC26A2 GENE
 ; FILE REFERENCE: MMH 0849US
 ; CURRENT APPLICATION NUMBER: US/10/328,194A
 ; CURRENT FILING DATE: 2002-12-23
 ; PRIOR FILING DATE: PCT/US01/20028
 ; PRIOR FILING DATE: 2001-06-22
 ; PRIOR APPLICATION NUMBER: US 60/213,284
 ; PRIOR FILING DATE: 2000-06-22
 ; NUMBER OF SEQ ID NOS: 26
 ; SOFTWARE: PatentIn version 3.1
 ; SEQ ID NO 4
 ; LENGTH: 15
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 US-10-328-194A-4

Query Match 3.9%; Score 11.4; DB 1; Length 15;
 Best Local Similarity 80.0%; Pred. No. 47;
 Matches 12; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 728 CTGCTATAGAGCT 742
 Db 15 CTGCTATAGAGCT 1

RESULT 105
 US-10-440-850-495
 ; Sequence 495, Application US/10440850
 ; Publication No. US20030207837A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.
 ; APPLICANT: Stinchcomb, Dan
 ; APPLICANT: Jarvis, Thale
 ; APPLICANT: McSwigen, Jim
 ; TITLE OF INVENTION: Method and Reagent for the Induction of Graft Tolerance and Rever
 ; FILE REFERENCE: 250/130 (MBH00-900-A)
 ; CURRENT APPLICATION NUMBER: US/10/440,850
 ; CURRENT FILING DATE: 2003-05-19
 ; PRIOR FILING DATE: US/09/650,012
 ; PRIOR FILING DATE: 2000-08-28
 ; PRIOR APPLICATION NUMBER: US 08/585,684
 ; PRIOR FILING DATE: 1996-01-12
 ; PRIOR APPLICATION NUMBER: US 60/000,951
 ; PRIOR FILING DATE: 1995-07-07
 ; PRIOR APPLICATION NUMBER: US 09/038,073
 ; PRIOR FILING DATE: 1998-03-11
 ; NUMBER OF SEQ ID NOS: 2285
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 495
 ; LENGTH: 15
 ; TYPE: RNA
 ; ORGANISM: Homo sapiens
 US-10-440-850-495

Query Match 3.9%; Score 11.4; DB 1; Length 15;
 Best Local Similarity 38.5%; Pred. No. 47;
 Matches 5; Conservative 7; Mismatches 1; Indels 0; Gaps 0;

QY 833 CTTCTCTCTCTG 845

Db 1 CUUGGUCUCUCUG 13

RESULT 106
US-10-418-182-194/c
; Sequence 194, Application US/10418182
; Publication No. US20030228302A1
; GENERAL INFORMATION:
; APPLICANT: Crea, Roberto
; TITLE OF INVENTION: UNIVERSAL LIBRARIES FOR IMMUNOGLOBULINS
; FILE REFERENCE: 1551.2001-001
; CURRENT APPLICATION NUMBER: US/10/418,182
; PRIOR FILING DATE: 2003-04-16
; PRIOR APPLICATION NUMBER: 60/373,558
; PRIOR FILING DATE: 2002-04-17
; NUMBER OF SEQ ID NOS: 423
; SOFTWARE: FastSeq for windows Version 4.0
; SEQ ID NO 194
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide
US-10-418-182-194

Query Match 3.9%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 47;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 920 CATCACCACCACC 932
Db 14 CACGACCACCACC 2

RESULT 107
US-10-193-507-14
; Sequence 14, Application US/10193507
; Publication No. US20040018493A1
; GENERAL INFORMATION:
; APPLICANT: Anastasio, Alison E.
; APPLICANT: Kazemi, Amir
; APPLICANT: Lachowicz, Michael F.
; APPLICANT: Pabon, Vicente
; APPLICANT: Shah, Nisha
; TITLE OF INVENTION: HAPLOTYPES OF THE CD3E GENE
; FILE REFERENCE: MMH-2790US
; CURRENT APPLICATION NUMBER: US/10/193,507
; CURRENT FILING DATE: 2002-07-12
; PRIOR APPLICATION NUMBER: 60/304,573
; PRIOR FILING DATE: 2001-07-11
; NUMBER OF SEQ ID NOS: 86
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 14
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-193-507-14

Query Match 3.9%; Score 11.4; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 47;
Matches 12; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

Qy 885 ATGCACCTACTCTC 899
Db 1 ATGCACCTCTCTC 15

RESULT 108
US-10-061-201-1116/c
; Sequence 1116, Application US/10061201
; Publication No. US20030166229A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark

; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: PB0178
; CURRENT APPLICATION NUMBER: US/10/061,201
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/328,205
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 1116
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-061-201-1116

Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 71;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 748 GATCCAGGCTCCCTA 763
Db 17 GATCCCTGGCCCTTA 2

RESULT 109
US-10-061-201-1117/c
; Sequence 1117, Application US/10061201
; Publication No. US20030166229A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: PB0178
; CURRENT APPLICATION NUMBER: US/10/061,201
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/328,205
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Aecomica Sequence Listing Engine

```
SEQ ID NO 1117
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-10-061-201-1117
```

```
Query Match          3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 71;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      748 GGTCCAGGGTCCCTA 763
DB      16 GGACCTCGGGCCCTA 1
```

```
RESULT 110
US-10-314-322-256
```

```
Sequence 256, Application US/10314322
Publication No. US20030229911A1
GENERAL INFORMATION:
APPLICANT: Heber-Katz, Ellen
TITLE OF INVENTION: Compositions and Methods for Wound
FILE REFERENCE: 000486.00016
CURRENT APPLICATION NUMBER: US/10/314,322
CURRENT FILING DATE: 2002-12-09
PRIOR APPLICATION NUMBER: US 60/074,737
PRIOR FILING DATE: 1998-02-13
PRIOR FILING DATE: 1998-02-13
PRIOR FILING DATE: 1998-08-26
PRIOR APPLICATION NUMBER: US 60/097,937
PRIOR FILING DATE: 1998-08-26
PRIOR APPLICATION NUMBER: US 60/102,051
PRIOR FILING DATE: 1998-09-28
PRIOR APPLICATION NUMBER: US 09/249,155
PRIOR FILING DATE: 1999-02-12
NUMBER OF SEQ ID NOS: 346
SOFTWARE: PasteSeq for Windows Version 4.0
SEQ ID NO 256
LENGTH: 11
TYPE: DNA
ORGANISM: Mus musculus
US-10-314-322-256
```

```
Query Match          3.8%; Score 11; DB 1; Length 11;
Best Local Similarity 100.0%; Pred. No. 23;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      721 AGTACTCTGG 731
DB      1 AGTACTCTGG 11
```

```
RESULT 111
US-10-240-580-21
```

```
Sequence 21, Application US/10240580
Publication No. US20030180716A1
GENERAL INFORMATION:
APPLICANT: Inoue, Takakazu
TITLE OF INVENTION: METHOD AND APPARATUS FOR MICROORGANISM DISCRIMINATION, METHOD OF
FILE REFERENCE: 9982-24
CURRENT APPLICATION NUMBER: US/10/240,580
CURRENT FILING DATE: 2002-09-30
PRIOR APPLICATION NUMBER: PCT/JP01/02516
PRIOR FILING DATE: 2001-03-27
PRIOR APPLICATION NUMBER: JP 2000-99482
NUMBER OF SEQ ID NOS: 46
SOFTWARE: PatentIn version 3.1
SEQ ID NO 21
LENGTH: 12
TYPE: DNA
ORGANISM: Artificial Sequence
```

```
FEATURE:
OTHER INFORMATION: Primer
US-10-240-580-21
```

```
Query Match          3.8%; Score 11; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 29;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      848 GACAGCTGCT 858
DB      1 GACAGCTGCT 11
```

```
RESULT 112
US-10-016-149-65
```

```
Sequence 65, Application US/10016149
Publication No. US20030100524A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2--
FILE REFERENCE: R1S-0325
CURRENT APPLICATION NUMBER: US/10/016,149
CURRENT FILING DATE: 2001-11-01
NUMBER OF SEQ ID NOS: 84
SEQ ID NO 65
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-65
```

```
Query Match          3.8%; Score 11; DB 1; Length 20;
Best Local Similarity 73.7%; Pred. No. 1,1e+02;
Matches 14; Conservative 0; Mismatches 5; Indels 0; Gaps 0;
```

```
QY      744 GTAGGTCGCCAGGTCCT 762
DB      1 GTGAGGCTTAGGACCT 19
```

```
RESULT 113
US-10-061-201-1115/c
```

```
Sequence 1115, Application US/10061201
Publication No. US20030166229A1
GENERAL INFORMATION:
APPLICANT: Shannon, Mark
TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
FILE REFERENCE: PB0178
CURRENT APPLICATION NUMBER: US/10/061,201
CURRENT FILING DATE: 2002-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 09/864,761
PRIOR FILING DATE: 2001-05-23
PRIOR APPLICATION NUMBER: US 60/328,205
PRIOR FILING DATE: 2001-10-10
```

NUMBER OF SEQ ID NOS: 4162
 SOFTWARE: Aecmica Sequence Listing Engine
 SEQ ID NO 1115
 LENGTH: 17
 TYPE: DNA
 ORGANISM: Homo sapiens
 US-10-061-201-1115

Query Match 3.7%; Score 10.6; DB 1; Length 17;
 Best Local Similarity 76.5%; Pred. No. 88;
 Matches 13; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 749 GTCCAGGTCCTCTAG 765
 DB 17 GACCTGGGCCCCCTAG 1

RESULT 114
 US-10-016-149-79
 ; Sequence 79, Application US/10016149
 ; Publication No. US20030100524A1
 ; GENERAL INFORMATION:
 ; APPLICANT: C. Frank Bennett
 ; APPLICANT: Jacqueline Myatt
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+)-
 ; FILE REFERENCE: RTS-0325
 ; CURRENT APPLICATION NUMBER: US/10/016,149
 ; CURRENT FILING DATE: 2001-11-01
 ; NUMBER OF SEQ ID NOS: 84
 ; SEQ ID NO 79
 ; LENGTH: 20
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Antisense Oligonucleotide
 US-10-016-149-79

Query Match 3.6%; Score 10.4; DB 1; Length 20;
 Best Local Similarity 70.0%; Pred. No. 1,3e+02;
 Matches 14; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 882 GAGTGCCTACTCTCAG 901
 DB 1 GAGAGTAAAGTGCATCTCAG 20

RESULT 115
 US-10-061-201-1114/c
 ; Sequence 1114, Application US/10061201
 ; Publication No. US20030166229A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Shannon, Mark
 ; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
 ; FILE REFERENCE: PB0178
 ; CURRENT APPLICATION NUMBER: US/10/061,201
 ; CURRENT FILING DATE: 2002-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00666
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00667
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00664
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00669
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00665
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00668
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00663
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00670
 ; PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: US 09/864,761
 ; PRIOR FILING DATE: 2001-05-23
 ; PRIOR APPLICATION NUMBER: US 60/328,205
 ; PRIOR FILING DATE: 2001-10-10
 ; NUMBER OF SEQ ID NOS: 4162
 ; SOFTWARE: Aecmica Sequence Listing Engine
 ; SEQ ID NO 1114
 ; LENGTH: 17
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 US-10-061-201-1114

Query Match 3.5%; Score 10.2; DB 1; Length 17;
 Best Local Similarity 80.0%; Pred. No. 1e+02; 3; Indels 0; Gaps 0;
 Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 751 CCCAGGTCCTCTAG 765
 DB 16 CCCTGGGCCCCCTAG 2

RESULT 116
 US-10-061-201-1118/c
 ; Sequence 1118, Application US/10061201
 ; Publication No. US20030166229A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Shannon, Mark
 ; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
 ; FILE REFERENCE: PB0178
 ; CURRENT APPLICATION NUMBER: US/10/061,201
 ; CURRENT FILING DATE: 2002-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00666
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00667
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00664
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00669
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00665
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00668
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00663
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00670
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: US 09/864,761
 ; PRIOR FILING DATE: 2001-05-23
 ; PRIOR APPLICATION NUMBER: US 60/328,205
 ; PRIOR FILING DATE: 2001-10-10
 ; NUMBER OF SEQ ID NOS: 4162
 ; SOFTWARE: Aecmica Sequence Listing Engine
 ; SEQ ID NO 1118
 ; LENGTH: 17
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 US-10-061-201-1118

Query Match 3.5%; Score 10.2; DB 1; Length 17;
 Best Local Similarity 80.0%; Pred. No. 1e+02; 3; Indels 0; Gaps 0;
 Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 748 GGTCCAGGTCCTCT 762
 DB 15 GACCTGGGCCCCCT 1

RESULT 117
 US-10-349-143-6172
 ; Sequence 6172, Application US/10349143
 ; Publication No. US20040005584A1
 ; GENERAL INFORMATION:

```

; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Matra
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020C01
; CURRENT APPLICATION NUMBER: US/10/349,143
; PRIOR FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 6172
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..19
; OTHER INFORMATION: upstream amplification primer 99-9513 for SEQ 2238,
US-10-349-143-6172

Query Match
Best Local Similarity 3.5%; Score 10.2; DB 1; Length 19;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 712 TCCAGAGAGAGTGAC 726
Db 5 TCTCAGGAGAGTGAC 19

RESULT 118
US-10-016-149-71
; Sequence 71, Application US/10016149
; Publication No. US20030100524A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
; FILE REFERENCE: RTS-0325
; CURRENT APPLICATION NUMBER: US/10/016,149
; CURRENT FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 71
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-71

Query Match
Best Local Similarity 3.5%; Score 10.2; DB 1; Length 20;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 810 CCAACTCAGAGTTGG 824
Db 4 CCAACCTGAGTTGG 18

RESULT 119
US-10-016-149-77
; Sequence 77, Application US/10016149
; Publication No. US20030100524A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
```

```

; TITLE OF INVENTION: DEPENDENT) EXPRESSION
; FILE REFERENCE: RTS-0325
; CURRENT APPLICATION NUMBER: US/10/016,149
; CURRENT FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 77
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-77

Query Match
Best Local Similarity 3.4%; Score 10; DB 1; Length 20;
Matches 13; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 707 GCGAGTCCAGAGAGTG 724
Db 1 GTGATCTCAGGAGAGTG 18

RESULT 120
US-10-016-149-60
; Sequence 60, Application US/10016149
; Publication No. US20030100524A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
; FILE REFERENCE: RTS-0325
; CURRENT APPLICATION NUMBER: US/10/016,149
; CURRENT FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 60
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-60

Query Match
Best Local Similarity 3.4%; Score 10; DB 1; Length 20;
Matches 13; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 703 TCCAGCGAGTCCAGAG 720
Db 3 TCTGGGAGCTCGCTGAG 20

RESULT 121
US-10-016-149-62
; Sequence 62, Application US/10016149
; Publication No. US20030100524A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
; FILE REFERENCE: RTS-0325
; CURRENT APPLICATION NUMBER: US/10/016,149
; CURRENT FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 62
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-62
```

Query Match 3.4%; Score 9.8; DB 1; Length 20;
Best Local Similarity 84.6%; Pred. No. 1.4e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 873 CACTTCTCTGAGA 885
DB 6 CACTCTCTCTGAGA 18

RESULT 122

US-09-955-410-33
; Sequence 33, Application US/09955410
; Patent No. US20020146718A1
; GENERAL INFORMATION:
; APPLICANT: Buchardt, Ole
; APPLICANT: Egholm, Michael
; APPLICANT: Nielsen, Peter Eigil
; APPLICANT: Berg, Rolf Henrik
; TITLE OF INVENTION: Peptide Nucleic Acids Having 2,6-Diaminopurine Nucleobases
; FILE REFERENCE: IS194800
; CURRENT APPLICATION NUMBER: US/09/955,410
; CURRENT FILING DATE: 2001-09-18
; PRIOR APPLICATION NUMBER: 08/108,591
; PRIOR FILING DATE: 1993-11-22
; PRIOR APPLICATION NUMBER: 09/686,114
; PRIOR FILING DATE: 1996-07-24
; NUMBER OF SEQ ID NOS: 43
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 33
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: No. US20020146718A1el Sequence
US-09-955-410-33

Query Match 3.3%; Score 9.6; DB 1; Length 16;
Best Local Similarity 75.0%; Pred. No. 1.1e+02;
Matches 12; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 953 GAAGAGCCAAATTGAC 968
DB 1 GAAGAGAGAAAGTGAC 16

RESULT 123

US-10-154-890-33
; Sequence 33, Application US/10154890
; Publication No. US20030180734A1
; GENERAL INFORMATION:
; APPLICANT: Buchardt, Ole
; APPLICANT: Egholm, Michael
; APPLICANT: Nielsen, Peter Eigil
; APPLICANT: Berg, Rolf Henrik
; TITLE OF INVENTION: Peptide Nucleic Acids
; FILE REFERENCE: IS190540
; CURRENT APPLICATION NUMBER: US/10/154,890
; CURRENT FILING DATE: 2002-05-23
; PRIOR APPLICATION NUMBER: US/08/108,591
; PRIOR FILING DATE: 2001-08-13
; NUMBER OF SEQ ID NOS: 43
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 33
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: No. US20030180734A1el Sequence
US-10-154-890-33

Query Match 3.3%; Score 9.6; DB 1; Length 16;
Best Local Similarity 75.0%; Pred. No. 1.1e+02;
Matches 12; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 953 GAAGAGCCAAATTGAC 968
DB 1 GAAGAGAGAAAGTGAC 16

RESULT 124

US-10-016-149-68
; Sequence 68, Application US/10016149
; Publication No. US20030100524A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
; TITLE OF INVENTION: DEPENDENT) EXPRESSION
; FILE REFERENCE: RTS-0325
; CURRENT APPLICATION NUMBER: US/10/016,149
; CURRENT FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 68
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-68

Query Match 3.3%; Score 9.6; DB 1; Length 20;
Best Local Similarity 75.0%; Pred. No. 1.5e+02;
Matches 12; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 855 TCCTGCTCCAGTTGG 870
DB 5 TCTTGACACCAAGAGGG 20

RESULT 125

US-10-016-149-74
; Sequence 74, Application US/10016149
; Publication No. US20030100524A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
; TITLE OF INVENTION: DEPENDENT) EXPRESSION
; FILE REFERENCE: RTS-0325
; CURRENT APPLICATION NUMBER: US/10/016,149
; CURRENT FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 74
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-74

Query Match 3.3%; Score 9.6; DB 1; Length 20;
Best Local Similarity 75.0%; Pred. No. 1.3e+02;
Matches 12; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 786 CCCTGTGTGCGCAGAGA 801
DB 4 CCACTGTGAGCCAGAGA 19

RESULT 126

US-10-016-149-70
; Sequence 70, Application US/10016149
; Publication No. US20030100524A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt

;; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
;; FILE REFERENCE: RTS-0325
;; CURRENT APPLICATION NUMBER: US/10/016,149
;; CURRENT FILING DATE: 2001-11-01
;; NUMBER OF SEQ ID NOS: 84
;; SEQ ID NO 70
;; LENGTH: 20
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-70

Query Match 3.2%; Score 9.4; DB 1; Length 20;
Best Local Similarity 68.4%; Pred. No. 1.6e+02;
Matches 13; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 811 CAACTCAGGGTGGCTGTG 829
DB 1 CAACCTGAGTTGGAGAG 19

RESULT 127
US-10-647-426-47
;; Sequence 47, Application US/10647426
;; Publication No. US20040110197A1
;; GENERAL INFORMATION:
;; APPLICANT: Skinner, Michael K.
;; APPLICANT: Patton, Jodi L.
;; TITLE OF INVENTION: A METHOD OF DETERMINING TUMOR CHARACTERISTICS BY
;; TITLE OF INVENTION: DETERMINING ABNORMAL COPY NUMBER OR EXPRESSION LEVEL OF
;; TITLE OF INVENTION: LIPID-ASSOCIATED GENES
;; FILE REFERENCE: PATRICK EAGLEMAN: EMBOL-X 252/124
;; CURRENT APPLICATION NUMBER: US/10/647,426
;; CURRENT FILING DATE: 2003-08-26
;; PRIOR APPLICATION NUMBER: US/09/676,052
;; PRIOR FILING DATE: 2000-09-28
;; NUMBER OF SEQ ID NOS: 95
;; SOFTWARE: PatentIn Ver. 2.0
;; SEQ ID NO 47
;; LENGTH: 24
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Description of Artificial Sequence: Miscellaneous
US-10-647-426-47

Query Match 3.2%; Score 9.4; DB 1; Length 24;
Best Local Similarity 90.9%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 719 AGAGTACTCT 729
DB 12 AGAGTACTCT 22

RESULT 128
US-09-504-231A-1272
;; Sequence 1272 Application US/09504231A
;; Patent No. US20020013458A1
;; GENERAL INFORMATION:
;; APPLICANT: Blatt, Lawrence
;; APPLICANT: McSwigen, James
;; APPLICANT: Roberts, Beth
;; APPLICANT: Pavco, Pamela
;; APPLICANT: Macejak, Dennis
;; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELATE
;; TITLE OF INVENTION: HEPATITIS C VIRUS INFECTION
;; FILE REFERENCE: TPI 247/282
;; CURRENT APPLICATION NUMBER: US/09/504,231A
;; CURRENT FILING DATE: 2000-02-15

;; PRIOR APPLICATION NUMBER: 09/274,553
;; PRIOR FILING DATE: 1999-03-23
;; PRIOR APPLICATION NUMBER: 09/257,608
;; PRIOR FILING DATE: 1999-02-24
;; PRIOR APPLICATION NUMBER: 60/100,842
;; PRIOR FILING DATE: 1998-09-18
;; PRIOR APPLICATION NUMBER: 60/083,217
;; PRIOR FILING DATE: 1998-04-27
;; NUMBER OF SEQ ID NOS: 3242
;; SOFTWARE: PatentIn version 3.0
;; SEQ ID NO 1272
;; LENGTH: 15
;; TYPE: RNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target
US-09-504-231A-1272

Query Match 3.2%; Score 9.2; DB 1; Length 15;
Best Local Similarity 57.1%; Pred. No. 1.1e+02;
Matches 8; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 959 CCAATTGACTCTC 972
DB 1 CCAUNGUUACUCUC 14

RESULT 129
US-09-274-553D-1272
;; Sequence 1272, Application US/09274553D
;; Patent No. US2002008225A1
;; GENERAL INFORMATION:
;; APPLICANT: Blatt, Lawrence
;; APPLICANT: McSwigen, James
;; APPLICANT: Roberts, Beth
;; APPLICANT: Pavco, Pamela
;; APPLICANT: Macejak, Dennis
;; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELATE
;; TITLE OF INVENTION: HEPATITIS C VIRUS INFECTION
;; FILE REFERENCE: TPI 247/282
;; CURRENT APPLICATION NUMBER: US/09/274,553D
;; CURRENT FILING DATE: 1999-03-23
;; PRIOR APPLICATION NUMBER: 09/257,608
;; PRIOR FILING DATE: 1999-02-24
;; PRIOR APPLICATION NUMBER: 60/100,842
;; PRIOR FILING DATE: 1998-09-18
;; PRIOR APPLICATION NUMBER: 60/083,217
;; PRIOR FILING DATE: 1998-04-27
;; NUMBER OF SEQ ID NOS: 3148
;; SOFTWARE: PatentIn version 3.0
;; SEQ ID NO 1272
;; LENGTH: 15
;; TYPE: RNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target
US-09-274-553D-1272

Query Match 3.2%; Score 9.2; DB 1; Length 15;
Best Local Similarity 57.1%; Pred. No. 1.1e+02;
Matches 8; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 959 CCAATTGACTCTC 972
DB 1 CCAUNGUUACUCUC 14

RESULT 130
US-10-712-672-212
;; Sequence 212, Application US/10712672
;; Publication No. US20040102413A1
;; GENERAL INFORMATION:
;; APPLICANT: Ribozyme Pharmaceuticals, Inc.

```
/ APPLICANT: Chowira, Bharat
/ APPLICANT: McSwigen, Jim
/ APPLICANT: Stinchcomb, Dan
/ TITLE OF INVENTION: Method and Reagent for the Inhibition of Telomerase Enzyme
/ FILE REFERENCE: MBH00-882-C (400/019)
/ CURRENT APPLICATION NUMBER: US/10/712,672
/ CURRENT FILING DATE: 2003-11-13
/ PRIOR APPLICATION NUMBER: US/09/653,225
/ PRIOR FILING DATE: 2000-08-31
/ PRIOR APPLICATION NUMBER: 60/197,769
/ PRIOR FILING DATE: 2000-04-14
/ PRIOR APPLICATION NUMBER: 60/150,713
/ PRIOR FILING DATE: 1999-08-31
/ NUMBER OF SEQ ID NOS: 5586
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 212
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: Homo sapiens
US-10-712-672-212

Query Match      3.2%; Score 9.2; DB 1; Length 17;
Best Local Similarity 50.0%; Pred. No. 1.4e+02;
Matches 7; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

QY      854 GTCTGCTCCACT 867
DB      4 GUCCUACGUCCAGU 17

RESULT 131
US-10-016-149-61
/ Sequence 61, Application US/10016149
/ Publication No. US20030100524A1
/ GENERAL INFORMATION:
/ APPLICANT: C. Frank Bennett
/ APPLICANT: Jacqueline Wyatt
/ TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
/ FILE REFERENCE: RTS-0325
/ CURRENT APPLICATION NUMBER: US/10/016,149
/ CURRENT FILING DATE: 2001-11-01
/ NUMBER OF SEQ ID NOS: 84
/ SEQ ID NO 61
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-61

Query Match      3.2%; Score 9.2; DB 1; Length 20;
Best Local Similarity 78.6%; Pred. No. 1.6e+02;
Matches 11; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      803 CTCTCTCCACTC 816
DB      1 CTCTCTGGGAGTC 14

RESULT 132
US-10-211-059-154/c
/ Sequence 154, Application US/10211059
/ Publication No. US20030100495A1
/ GENERAL INFORMATION:
/ APPLICANT: Zhang, Jian
/ APPLICANT: Zhang, Jian
/ TITLE OF INVENTION: HUMAN NAC-1 PROTEIN
/ FILE REFERENCE: PB0149
/ CURRENT APPLICATION NUMBER: US/10/211,059
/ CURRENT FILING DATE: 2002-08-02
/ PRIOR APPLICATION NUMBER: US 60/311,034
/ PRIOR FILING DATE: 2001-08-08
/ NUMBER OF SEQ ID NOS: 322
```

```
/ SOFTWARE: Aeomica Sequence Listing Engine
/ SEQ ID NO 154
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-211-059-154

Query Match      3.1%; Score 9; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 1.4e+02;
Matches 12; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY      774 TCTGAGGCGAGCCCTC 730
DB      17 TCAGAGGCTGCCCTC 1

RESULT 133
US-09-179-536B-102
/ Sequence 102, Application US/09179536B
/ Patent No. US20020042112A1
/ GENERAL INFORMATION:
/ APPLICANT: Hubert K ster
/ APPLICANT: David M. Lough
/ APPLICANT: Guobing Xiang
/ TITLE OF INVENTION: DNA DIAGNOSTICS BASED ON MASS SPECTROMETRY
/ NUMBER OF SEQUENCES: 320
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Heller Ertman White & McAniff
/ STREET: 4250 Executive Square, 7th Floor
/ CITY: La Jolla
/ STATE: CA
/ COUNTRY: USA
/ ZIP: 92037
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Diskette
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: DOS
/ SOFTWARE: ASCII
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/179,536B
/ FILING DATE: 26-Oct-1998
/ CLASSIFICATION: <Unknown>
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: PCT/US97/20444
/ FILING DATE: 06-Nov-1997
/ APPLICATION NUMBER: 08/947,801
/ FILING DATE: 08-Oct-97
/ APPLICATION NUMBER: 08/933,792
/ FILING DATE: 19-Sep-97
/ APPLICATION NUMBER: 08/787,639
/ FILING DATE: 23-Jan-97
/ APPLICATION NUMBER: 08/786,988
/ FILING DATE: 23-Jan-97
/ APPLICATION NUMBER: 08/746,055
/ FILING DATE: 06-No. US20020042112A1-96
/ APPLICATION NUMBER: 08/746,036
/ FILING DATE: 06-No. US20020042112A1-96
/ APPLICATION NUMBER: 08/744,590
/ FILING DATE: 06-No. US20020042112A1-96
/ APPLICATION NUMBER: 08/744,481
/ FILING DATE: 06-No. US20020042112A1-96
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Seidman, Stephanie L
/ REGISTRATION NUMBER: 33,779
/ REFERENCE/DOCKET NUMBER: 24736-2004B
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 858-450-8400
/ TELEFAX: 858-587-5360
/ TELTEX: <Unknown>
/ INFORMATION FOR SEQ ID NO: 102:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 19 base pairs
/ TYPE: nucleic acid
```

```
STRANDEDNESS: single
TOPOLOGY: unknown
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE: <Unknown>
ORIGINAL SOURCE:
SEQUENCE DESCRIPTION: SEQ ID NO: 102;
US-09-179-536B-102

Query Match
Best Local Similarity 70.6%; Score 9; DB 1; Length 19;
Pred. No. 1.6e+02;
Matches 12; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 746 AGGCTCCAGGCTCCT 762
DB 2 AGAGGCTCGGACCT 18

RESULT 134
US-09-297-576A-102
; Sequence 102, Application US/09297576A
; Publication No. US20030129589A1
; GENERAL INFORMATION:
; APPLICANT: KOSTER, Hubert
; APPLICANT: LITTLE, Daniel P.
; APPLICANT: BRAUN, Andreas
; APPLICANT: LOUGH, David M.
; APPLICANT: XIANG, Guohong
; APPLICANT: VAN DEN BOOM, Dirk
; APPLICANT: JURINKE, Christian
; APPLICANT: RUPPERT, Andreas
; TITLE OF INVENTION: DNA DIAGNOSTICS BASED ON MASS SPECTROMETRY
; NUMBER OF SEQUENCES: 320
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: Heller Ehrman White & McCauliffe
; STREET: 4250 Executive Square, 7th Floor
; CITY: La Jolla
; STATE: CA
; COUNTRY: USA
; ZIP: 92037
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: ASCII
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/297,576A
; FILING DATE: 07-Jun-2000
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/947,801
; FILING DATE: 08-Oct-97
; APPLICATION NUMBER: 08/933,792
; FILING DATE: 19-Sep-97
; APPLICATION NUMBER: 08/787,639
; FILING DATE: 23-Jan-97
; APPLICATION NUMBER: 08/786,988
; FILING DATE: 23-Jan-97
; APPLICATION NUMBER: 08/746,055
; FILING DATE: 06-No. US20030129589A1-96
; APPLICATION NUMBER: 08/746,036
; FILING DATE: 06-No. US20030129589A1-96
; APPLICATION NUMBER: 08/744,590
; FILING DATE: 06-No. US20030129589A1-96
; APPLICATION NUMBER: 08/744,481
; FILING DATE: 06-No. US20030129589A1-96
; ATTORNEY/AGENT INFORMATION:
; NAME: Seidman, Stephanie L
; REGISTRATION NUMBER: 33,779
; REFERENCE/DOCKET NUMBER: 24736-2004
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 858-450-8400
```

```
TELEFAX: 858-450-8499
; INFORMATION FOR SEQ ID NO: 102:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: unknown
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE: <Unknown>
; ORIGINAL SOURCE:
; US-09-297-576A-102

Query Match
Best Local Similarity 70.6%; Score 9; DB 1; Length 19;
Pred. No. 1.6e+02;
Matches 12; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 746 AGGCTCCAGGCTCCT 762
DB 2 AGAGGCTCGGACCT 18

RESULT 135
US-10-251-117-188
; Sequence 188, Application US/10251117
; Publication No. US20030170891A1
; GENERAL INFORMATION:
; APPLICANT: McSwiggen, James
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor R
; FILE REFERENCE: 900/042 (MBH02-468-A)
; CURRENT FILING DATE: 2003-02-24
; PRIOR APPLICATION NUMBER: US/10/251,117
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 10/163,552
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 09/916,466
; PRIOR FILING DATE: 2001-07-25
; PRIOR APPLICATION NUMBER: US 60/296,249
; PRIOR FILING DATE: 2001-06-06
; NUMBER OF SEQ ID NOS: 1213
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 188
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siNA sense r
US-10-251-117-188

Query Match
Best Local Similarity 77.8%; Score 9; DB 1; Length 19;
Pred. No. 1.6e+02;
Matches 7; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 841 CTCGAGGA 849
DB 3 CUCUGAGA 11

RESULT 136
US-10-251-117-437/C
; Sequence 437, Application US/10251117
; Publication No. US20030170891A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor R
; TITLE OF INVENTION: Gene Expression Using Short Interfering RNA
```

FILE REFERENCE: 900/042 (MRB02-468-A)
CURRENT APPLICATION NUMBER: US/10/251,117
CURRENT FILING DATE: 2003-02-24
PRIOR APPLICATION NUMBER: US 60/393,924
PRIOR FILING DATE: 2002-07-03
PRIOR APPLICATION NUMBER: US 10/163,552
PRIOR FILING DATE: 2002-06-06
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: US 09/916,466
PRIOR FILING DATE: 2001-07-25
PRIOR APPLICATION NUMBER: US 60/296,249
PRIOR FILING DATE: 2001-06-06
NUMBER OF SEQ ID NOS: 1213
SOFTWARE: PatentIn version 3.0
SEQ ID NO 437
LENGTH: 19
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: sRNA antisense region
US-10-251-117-437

Query Match 3.1%; Score 9; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 1.6e+02;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 841 CTCTGAAGA 849
Db 17 CTCTGAAGA 9

RESULT 137
US-10-016-149-72
Sequence 72, Application US/10016149
Publication No. US20030100524A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
TITLE OF INVENTION: DEPENDENT) EXPRESSION
FILE REFERENCE: RTS-0325
CURRENT APPLICATION NUMBER: US/10/016,149
CURRENT FILING DATE: 2001-11-01
NUMBER OF SEQ ID NOS: 84
SEQ ID NO 72
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-72

Query Match 3.1%; Score 9; DB 1; Length 20;
Best Local Similarity 70.6%; Pred. No. 1.7e+02;
Matches 12; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 835 TTCTTCTCTGAAGACA 851
Db 3 TCTCTTCAGAGAGAAA 19

RESULT 138
US-09-504-231A-571/c
Sequence 571, Application US/09504231A
Patent No. US20020013458A1
GENERAL INFORMATION:
APPLICANT: Blatt, Lawrence
APPLICANT: McSwigen, James
APPLICANT: Roberts, Beth
APPLICANT: Pavco, Pamela
APPLICANT: Macejak, Dennis
TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELATE

TITLE OF INVENTION: HEPATITIS C VIRUS INFECTION
FILE REFERENCE: IP1 247/282
CURRENT APPLICATION NUMBER: US/09/504,231A
CURRENT FILING DATE: 2000-02-15
PRIOR APPLICATION NUMBER: 09/274,553
PRIOR FILING DATE: 1999-03-23
PRIOR APPLICATION NUMBER: 09/257,608
PRIOR FILING DATE: 1999-02-24
PRIOR APPLICATION NUMBER: 60/100,842
PRIOR FILING DATE: 1998-09-18
PRIOR APPLICATION NUMBER: 60/083,217
PRIOR FILING DATE: 1998-04-27
NUMBER OF SEQ ID NOS: 3242
SOFTWARE: PatentIn version 3.0
SEQ ID NO 571
LENGTH: 15
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target
US-09-504-231A-571

Query Match 3.0%; Score 8.8; DB 1; Length 15;
Best Local Similarity 83.3%; Pred. No. 1.2e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 865 AGTTGAGACACT 876
Db 13 AGTTGAGACACT 2

RESULT 139
US-09-274-553D-571/c
Sequence 571, Application US/09274553D
Patent No. US20020082225A1
GENERAL INFORMATION:
APPLICANT: Blatt, Lawrence
APPLICANT: McSwigen, James
APPLICANT: Roberts, Beth
APPLICANT: Pavco, Pamela
APPLICANT: Macejak, Dennis
TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELATE
TITLE OF INVENTION: HEPATITIS C VIRUS INFECTION
FILE REFERENCE: IP1 247/282
CURRENT APPLICATION NUMBER: US/09/274,553D
CURRENT FILING DATE: 1999-03-23
PRIOR APPLICATION NUMBER: 09/257,608
PRIOR FILING DATE: 1999-02-24
PRIOR APPLICATION NUMBER: 60/100,842
PRIOR FILING DATE: 1998-09-18
PRIOR APPLICATION NUMBER: 60/083,217
PRIOR FILING DATE: 1998-04-27
NUMBER OF SEQ ID NOS: 3148
SOFTWARE: PatentIn version 3.0
SEQ ID NO 571
LENGTH: 15
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target
US-09-274-553D-571

Query Match 3.0%; Score 8.8; DB 1; Length 15;
Best Local Similarity 83.3%; Pred. No. 1.2e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 865 AGTTGAGACACT 876
Db 13 AGTTGAGACACT 2

RESULT 140
US-10-016-149-76

```
; Sequence 76, Application US/10016149
; Publication No. US20030100524A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
; TITLE OF INVENTION: DEPENDENT) EXPRESSION
; FILE REFERENCE: RTS-0325
; CURRENT APPLICATION NUMBER: US/10/016,149
; CURRENT FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 76
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-76

Query Match          3.0%; Score 8.8; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.7e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 713 CCCAGGAGAGTG 724
DB 1 CTCAGGAAAGTG 12

RESULT 141
US-10-144-577-18/c
; Sequence 18, Application US/10144577
; Publication No. US20030083292A1
; GENERAL INFORMATION:
; APPLICANT: Macleod, Alan Robert
; TITLE OF INVENTION: Inhibitors of DNA Methyltransferase Isoforms
; FILE REFERENCE: MET-005
; CURRENT APPLICATION NUMBER: US/10/144,577
; CURRENT FILING DATE: 2002-05-13
; PRIOR APPLICATION NUMBER: US 60/290,202
; PRIOR FILING DATE: 2001-05-11
; PRIOR APPLICATION NUMBER: US 60/290,212
; PRIOR FILING DATE: 2001-05-11
; NUMBER OF SEQ ID NOS: 49
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 18
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-144-577-18

Query Match          3.0%; Score 8.8; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.7e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 790 CTGGTGCCACAGA 801
DB 14 CTGGAGCCACAGA 3

RESULT 142
US-10-144-577-20/c
; Sequence 20, Application US/10144577
; Publication No. US20030083292A1
; GENERAL INFORMATION:
; APPLICANT: Macleod, Alan Robert
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: Inhibitors of DNA Methyltransferase Isoforms
; FILE REFERENCE: MET-005
; CURRENT APPLICATION NUMBER: US/10/144,577
; CURRENT FILING DATE: 2002-05-13
; PRIOR APPLICATION NUMBER: US 60/290,202
; PRIOR FILING DATE: 2001-05-11
; PRIOR APPLICATION NUMBER: US 60/290,212
; PRIOR FILING DATE: 2001-05-11
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; NUMBER OF SEQ ID NOS: 49
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 20
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-144-577-20

Query Match          3.0%; Score 8.8; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.7e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 790 CTGGTGCCACAGA 801
DB 14 CTGGAGCCACAGA 3

RESULT 143
US-10-144-577-46/c
; Sequence 46, Application US/10144577
; Publication No. US20030083292A1
; GENERAL INFORMATION:
; APPLICANT: Macleod, Alan Robert
; TITLE OF INVENTION: Inhibitors of DNA Methyltransferase Isoforms
; FILE REFERENCE: MET-005
; CURRENT APPLICATION NUMBER: US/10/144,577
; CURRENT FILING DATE: 2002-05-13
; PRIOR APPLICATION NUMBER: US 60/290,202
; PRIOR FILING DATE: 2001-05-11
; PRIOR APPLICATION NUMBER: US 60/290,212
; PRIOR FILING DATE: 2001-05-11
; NUMBER OF SEQ ID NOS: 49
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 46
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-144-577-46

Query Match          3.0%; Score 8.8; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.7e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 790 CTGGTGCCACAGA 801
DB 14 CTGGAGCCACAGA 3

RESULT 144
US-10-016-149-73
; Sequence 73, Application US/10016149
; Publication No. US20030100524A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
; TITLE OF INVENTION: DEPENDENT) EXPRESSION
; FILE REFERENCE: RTS-0325
; CURRENT APPLICATION NUMBER: US/10/016,149
; CURRENT FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 73
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-73

Query Match          3.0%; Score 8.6; DB 1; Length 20;
Best Local Similarity 73.3%; Pred. No. 1.7e+02;
Matches 11; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

QY 835 TTCTCTCTCAGAA 849
DB 6 TGTCTCAGAGAA 20

RESULT 145

US-10-061-201-715/c
; Sequence 715, Application US/10061201
; Publication No. US20030166229A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: PB0178
; CURRENT APPLICATION NUMBER: US/10/061,201
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/328,205
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Aecmca Sequence Listing Engine
; SEQ ID NO 715
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-061-201-715

Query Match 2.9%; Score 8.4; DB 1; Length 17;
Best Local Similarity 90.0%; Pred. No. 1.7e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 933 CTCGAGAA 942
DB 12 CTCGAGAA 3

US-10-061-201-716/c
; Sequence 716, Application US/10061201
; Publication No. US20030166229A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: PB0178
; CURRENT APPLICATION NUMBER: US/10/061,201
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668

US-10-061-201-716/c
; Sequence 716, Application US/10061201
; Publication No. US20030166229A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: PB0178
; CURRENT APPLICATION NUMBER: US/10/061,201
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668

;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00663
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00670
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: US 09/864,761
;; PRIOR FILING DATE: 2001-05-23
;; PRIOR APPLICATION NUMBER: US 60/328,205
;; PRIOR FILING DATE: 2001-10-10
;; NUMBER OF SEQ ID NOS: 4162
;; SOFTWARE: Aecmca Sequence Listing Engine
;; SEQ ID NO 716
;; LENGTH: 17
;; TYPE: DNA
;; ORGANISM: Homo sapiens
US-10-061-201-716

Query Match 2.9%; Score 8.4; DB 1; Length 17;
Best Local Similarity 90.0%; Pred. No. 1.7e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 933 CTCGAGAA 942
DB 11 CTCGAGAA 2

RESULT 147
US-10-016-149-78
; Sequence 78, Application US/10016149
; Publication No. US20030100524A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
; FILE REFERENCE: RTS-0325
; CURRENT APPLICATION NUMBER: US/10/016,149
; CURRENT FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 78
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-78

Query Match 2.9%; Score 8.4; DB 1; Length 20;
Best Local Similarity 66.7%; Pred. No. 1.8e+02;
Matches 12; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 884 GATGACTTACTCTCAG 901
DB 1 GAAGTAAGTCATCTCAG 18

RESULT 148
US-10-016-149-80
; Sequence 80, Application US/10016149
; Publication No. US20030100524A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
; FILE REFERENCE: RTS-0325
; CURRENT APPLICATION NUMBER: US/10/016,149
; CURRENT FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 80
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence

FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-80

Query Match 2.9%; Score 8.4; DB 1; Length 20;
Best Local Similarity 66.7%; Pred. No. 1.8e+02;
Matches 12; Conservative 0; Mismatches 6; Indels 0; Gaps 0;
QY 880 CTGAGATGCCTACTTC 897
DB 3 CTGAGAGTAGTGCAATC 20

RESULT 149
US-10-016-149-81
Sequence 81, Application US/10016149
Publication No. US20030100524A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
FILE REFERENCE: RTS-0325
CURRENT APPLICATION NUMBER: US/10/016,149
CURRENT FILING DATE: 2001-11-01
NUMBER OF SEQ ID NOS: 84
SEQ ID NO 81
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-81

Query Match 2.9%; Score 8.4; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.8e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 839 TTCTCTGAG 848
DB 8 TTCTCTGAG 17

RESULT 150
US-09-780-164-859
Sequence 859, Application US/09780164
Publication No. US20030092646A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Blatt, Larry
APPLICANT: McSwigen, Jim
TITLE OF INVENTION: Method and Reagent for the Inhibition of CD20
FILE REFERENCE: 400/010
CURRENT APPLICATION NUMBER: US/09/780,164
CURRENT FILING DATE: 2001-02-09
PRIOR APPLICATION NUMBER: 60/185,516
PRIOR FILING DATE: 2000-02-28
NUMBER OF SEQ ID NOS: 2603
SOFTWARE: Patent version 3.0
SEQ ID NO 859
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-780-164-859

Query Match 2.8%; Score 8.2; DB 1; Length 17;
Best Local Similarity 61.5%; Pred. No. 1.7e+02;
Matches 8; Conservative 2; Mismatches 3; Indels 0; Gaps 0;
QY 715 CAGGAGGTGACT 727
DB 2 CAGGAGGAGUUCU 14

Search completed: July 12, 2004, 10:48:09
Job time : 1 secs

| | | | | | | |
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| 107 | 17.6 | 6.1 | 25 | 1 | US-09-954-427A-111839 | Sequence 111839, |
| 108 | 17.6 | 6.1 | 25 | 1 | US-09-954-427A-258921 | Sequence 258921, |
| 109 | 17.6 | 6.1 | 25 | 1 | US-09-956-584-208835 | Sequence 208835, |
| 110 | 17.6 | 6.1 | 25 | 1 | US-10-098-263B-24812 | Sequence 24812, A |
| 111 | 17.6 | 6.1 | 25 | 1 | US-10-098-263B-83917 | Sequence 83917, A |
| 112 | 17.6 | 6.1 | 25 | 1 | US-10-355-577-51223 | Sequence 51223, A |
| 113 | 17.6 | 6.1 | 25 | 1 | US-10-681-773-123968 | Sequence 123968, |
| 114 | 17.6 | 6.1 | 25 | 1 | US-10-719-956-136754 | Sequence 136754, |
| 115 | 17.6 | 6.1 | 25 | 1 | US-60-234-017-201954 | Sequence 201954, |
| 116 | 17.6 | 6.1 | 25 | 1 | US-60-353-987-51223 | Sequence 51223, A |
| 117 | 17.6 | 6.1 | 25 | 1 | US-60-427-835-136754 | Sequence 136754, |
| 118 | 17.6 | 6.1 | 25 | 1 | US-60-470-475-123968 | Sequence 123968, |
| 119 | 17.6 | 6.1 | 25 | 1 | US-60-507-511-114831 | Sequence 114831, A |
| 120 | 17.4 | 6.0 | 25 | 1 | US-09-953-115A-17404 | Sequence 17404, A |
| 121 | 17.4 | 6.0 | 25 | 1 | US-09-954-427A-408103 | Sequence 408103, |
| 122 | 17.4 | 6.0 | 25 | 1 | US-09-956-584-254989 | Sequence 254989, |
| 123 | 17.4 | 6.0 | 25 | 1 | US-09-956-604-307856 | Sequence 307856, |
| 124 | 17.4 | 6.0 | 25 | 1 | US-09-956-604-26645 | Sequence 26645, A |
| 125 | 17.4 | 6.0 | 25 | 1 | US-09-956-604B-26645 | Sequence 26645, A |
| 126 | 17.4 | 6.0 | 25 | 1 | US-09-956-604B-26645 | Sequence 26645, A |
| 127 | 17.4 | 6.0 | 25 | 1 | US-10-719-900-33123 | Sequence 33123, A |
| 128 | 17.4 | 6.0 | 25 | 1 | US-10-719-900-314076 | Sequence 314076, |
| 129 | 17.4 | 6.0 | 25 | 1 | US-10-719-956-362600 | Sequence 362600, |
| 130 | 17.4 | 6.0 | 25 | 1 | US-60-234-017-218373 | Sequence 218373, |
| 131 | 17.4 | 6.0 | 25 | 1 | US-60-234-017-315044 | Sequence 315044, |
| 132 | 17.4 | 6.0 | 25 | 1 | US-60-234-049-35953 | Sequence 5953, A |
| 133 | 17.4 | 6.0 | 25 | 1 | US-60-427-808-33123 | Sequence 33123, A |
| 134 | 17.4 | 6.0 | 25 | 1 | US-60-427-808-314076 | Sequence 314076, |
| 135 | 17.4 | 6.0 | 25 | 1 | US-60-427-836-362600 | Sequence 362600, |
| 136 | 17.2 | 5.9 | 25 | 1 | US-09-396-196F-126176 | Sequence 126176, |
| 137 | 17.2 | 5.9 | 25 | 1 | US-09-396-196G-126176 | Sequence 126176, |
| 138 | 17.2 | 5.9 | 25 | 1 | US-09-660-222-115593 | Sequence 58004, A |
| 139 | 17.2 | 5.9 | 25 | 1 | US-09-954-427-38004 | Sequence 326145, |
| 140 | 17.2 | 5.9 | 25 | 1 | US-09-954-427A-118073 | Sequence 118073, |
| 141 | 17.2 | 5.9 | 25 | 1 | US-09-956-584-209165 | Sequence 209165, |
| 142 | 17.2 | 5.9 | 25 | 1 | US-09-956-584-254989 | Sequence 254989, |
| 143 | 17.2 | 5.9 | 25 | 1 | US-10-355-577-390030 | Sequence 390030, |
| 144 | 17.2 | 5.9 | 25 | 1 | US-10-355-577-406975 | Sequence 406975, |
| 145 | 17.2 | 5.9 | 25 | 1 | US-10-355-577-881753 | Sequence 881753, |
| 146 | 17.2 | 5.9 | 25 | 1 | US-10-355-577-881753 | Sequence 881753, |
| 147 | 17.2 | 5.9 | 25 | 1 | US-10-355-577-956280 | Sequence 956280, |
| 148 | 17.2 | 5.9 | 25 | 1 | US-10-719-900-290021 | Sequence 290021, |
| 149 | 17.2 | 5.9 | 25 | 1 | US-10-719-900-781255 | Sequence 781255, |
| 150 | 17.2 | 5.9 | 25 | 1 | US-10-719-900-893721 | Sequence 893721, |
| 151 | 17.2 | 5.9 | 25 | 1 | US-10-719-900-893721 | Sequence 893721, |
| 152 | 17.2 | 5.9 | 25 | 1 | US-10-719-900-914089 | Sequence 914089, |
| 153 | 17.2 | 5.9 | 25 | 1 | US-10-719-900-962339 | Sequence 962339, |
| 154 | 17.2 | 5.9 | 25 | 1 | US-10-719-956-214722 | Sequence 214722, |
| 155 | 17.2 | 5.9 | 25 | 1 | US-10-719-956-326229 | Sequence 326229, |
| 156 | 17.2 | 5.9 | 25 | 1 | US-10-719-956-326229 | Sequence 326229, |
| 157 | 17.2 | 5.9 | 25 | 1 | US-60-233-166-58004 | Sequence 58004, A |
| 158 | 17.2 | 5.9 | 25 | 1 | US-60-233-620-118073 | Sequence 118073, |
| 159 | 17.2 | 5.9 | 25 | 1 | US-60-234-017-218369 | Sequence 218369, |
| 160 | 17.2 | 5.9 | 25 | 1 | US-60-234-017-226264 | Sequence 226264, |
| 161 | 17.2 | 5.9 | 25 | 1 | US-60-353-987-390030 | Sequence 390030, |
| 162 | 17.2 | 5.9 | 25 | 1 | US-60-353-987-406975 | Sequence 406975, |
| 163 | 17.2 | 5.9 | 25 | 1 | US-60-353-987-881753 | Sequence 881753, |
| 164 | 17.2 | 5.9 | 25 | 1 | US-60-353-987-881753 | Sequence 881753, |
| 165 | 17.2 | 5.9 | 25 | 1 | US-60-427-808-290021 | Sequence 290021, |
| 166 | 17.2 | 5.9 | 25 | 1 | US-60-427-808-781255 | Sequence 781255, |
| 167 | 17.2 | 5.9 | 25 | 1 | US-60-427-808-875312 | Sequence 875312, |
| 168 | 17.2 | 5.9 | 25 | 1 | US-60-427-808-893721 | Sequence 893721, |
| 169 | 17.2 | 5.9 | 25 | 1 | US-60-427-808-914089 | Sequence 914089, |
| 170 | 17.2 | 5.9 | 25 | 1 | US-60-427-808-962339 | Sequence 962339, |
| 171 | 17.2 | 5.9 | 25 | 1 | US-60-427-836-111948 | Sequence 111948, |
| 172 | 17.2 | 5.9 | 25 | 1 | US-60-427-836-214722 | Sequence 214722, |
| 173 | 17.2 | 5.9 | 25 | 1 | US-60-427-836-326229 | Sequence 326229, |
| 174 | 17.2 | 5.9 | 25 | 1 | US-60-427-836-350476 | Sequence 350476, |
| 175 | 17.2 | 5.9 | 25 | 1 | US-60-507-511-160282 | Sequence 160282, |
| 176 | 17.2 | 5.9 | 25 | 1 | US-09-396-196F-15716 | Sequence 15716, A |
| 177 | 17 | 5.9 | 25 | 1 | US-09-396-196G-15716 | Sequence 15716, A |
| 178 | 17 | 5.9 | 25 | 1 | US-09-953-570-92715 | Sequence 92715, A |
| 179 | 17 | 5.9 | 25 | 1 | US-09-953-570-99671 | Sequence 99671, A |
| 180 | 17 | 5.9 | 25 | 1 | US-09-954-427-199925 | Sequence 199925, |
| 181 | 17 | 5.9 | 25 | 1 | US-09-954-427-209666 | Sequence 209666, |
| 182 | 17 | 5.9 | 25 | 1 | US-09-954-427-27967 | Sequence 27967, A |
| 183 | 17 | 5.9 | 25 | 1 | US-09-954-427-79127 | Sequence 79127, A |
| 184 | 17 | 5.9 | 25 | 1 | US-09-954-427-16881 | Sequence 16881, |
| 185 | 17 | 5.9 | 25 | 1 | US-09-954-427A-174515 | Sequence 174515, |
| 186 | 17 | 5.9 | 25 | 1 | US-09-954-427A-328859 | Sequence 328859, |
| 187 | 17 | 5.9 | 25 | 1 | US-09-954-427A-403333 | Sequence 403333, |
| 188 | 17 | 5.9 | 25 | 1 | US-09-954-427A-403333 | Sequence 403333, |
| 189 | 17 | 5.9 | 25 | 1 | US-09-954-454A-4411 | Sequence 4411, A |
| 190 | 17 | 5.9 | 25 | 1 | US-09-956-584-8932 | Sequence 8932, Ap |
| 191 | 17 | 5.9 | 25 | 1 | US-09-956-584-84336 | Sequence 84336, A |
| 192 | 17 | 5.9 | 25 | 1 | US-09-956-584-115515 | Sequence 115515, |
| 193 | 17 | 5.9 | 25 | 1 | US-09-956-584-129147 | Sequence 129147, |
| 194 | 17 | 5.9 | 25 | 1 | US-09-956-584-381618 | Sequence 381618, |
| 195 | 17 | 5.9 | 25 | 1 | US-09-956-584-554089 | Sequence 554089, |
| 196 | 17 | 5.9 | 25 | 1 | US-10-098-263B-110578 | Sequence 110578, |
| 197 | 17 | 5.9 | 25 | 1 | US-10-355-577-79644 | Sequence 79644, A |
| 198 | 17 | 5.9 | 25 | 1 | US-10-355-577-79644 | Sequence 79644, A |
| 199 | 17 | 5.9 | 25 | 1 | US-10-719-900-574651 | Sequence 574651, |
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| C 253 | 17 | 5.9 | 25 | 1 | US-60-427-836-608830 | Sequence 608830, | 326 | 16.6 | 5.7 | 25 | 1 | US-10-098-263B-71746 | Sequence 71746, A |
| 254 | 17 | 5.9 | 25 | 1 | US-60-427-836-683539 | Sequence 683539, | C 327 | 16.6 | 5.7 | 25 | 1 | US-10-355-577-336408 | Sequence 336408, |
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| C 258 | 17 | 5.9 | 25 | 1 | US-60-470-445-101330 | Sequence 101330, | C 331 | 16.6 | 5.7 | 25 | 1 | US-10-355-577-773414 | Sequence 773414, |
| C 259 | 17 | 5.9 | 25 | 1 | US-60-475-871-141639 | Sequence 141639, | C 332 | 16.6 | 5.7 | 25 | 1 | US-10-355-577-781427 | Sequence 781427, |
| C 260 | 16.8 | 5.8 | 25 | 1 | US-09-869-564-7 | Sequence 7, Appl.1 | C 333 | 16.6 | 5.7 | 25 | 1 | US-10-355-577-831405 | Sequence 831405, |
| C 261 | 16.8 | 5.8 | 25 | 1 | US-09-954-427A-57340 | Sequence 57340, A | C 334 | 16.6 | 5.7 | 25 | 1 | US-10-355-577-831406 | Sequence 831406, |
| C 262 | 16.8 | 5.8 | 25 | 1 | US-09-954-427A-347965 | Sequence 347965, | C 335 | 16.6 | 5.7 | 25 | 1 | US-10-355-577-834586 | Sequence 834586, |
| C 263 | 16.8 | 5.8 | 25 | 1 | US-10-098-263B-23624 | Sequence 23624, A | C 336 | 16.6 | 5.7 | 25 | 1 | US-10-681-773-834586 | Sequence 834586, |
| C 264 | 16.8 | 5.8 | 25 | 1 | US-10-681-773-57753 | Sequence 57753, A | C 337 | 16.6 | 5.7 | 25 | 1 | US-10-681-773-81052 | Sequence 81052, A |
| C 265 | 16.8 | 5.8 | 25 | 1 | US-10-681-773-72935 | Sequence 72935, A | C 338 | 16.6 | 5.7 | 25 | 1 | US-10-681-773-123764 | Sequence 123764, A |
| C 266 | 16.8 | 5.8 | 25 | 1 | US-10-719-900-170848 | Sequence 170848, | C 339 | 16.6 | 5.7 | 25 | 1 | US-10-719-900-44651 | Sequence 44651, A |
| C 267 | 16.8 | 5.8 | 25 | 1 | US-10-719-900-336610 | Sequence 336610, | C 340 | 16.6 | 5.7 | 25 | 1 | US-10-719-900-479276 | Sequence 479276, |
| C 268 | 16.8 | 5.8 | 25 | 1 | US-10-719-900-503037 | Sequence 503037, | C 341 | 16.6 | 5.7 | 25 | 1 | US-10-719-900-829767 | Sequence 829767, |
| C 269 | 16.8 | 5.8 | 25 | 1 | US-10-719-900-643475 | Sequence 643475, | C 342 | 16.6 | 5.7 | 25 | 1 | US-10-719-900-829767 | Sequence 829767, |
| C 270 | 16.8 | 5.8 | 25 | 1 | US-10-719-900-698227 | Sequence 698227, | C 343 | 16.6 | 5.7 | 25 | 1 | US-10-719-900-829767 | Sequence 829767, |
| C 271 | 16.8 | 5.8 | 25 | 1 | US-10-719-900-703092 | Sequence 703092, | C 344 | 16.6 | 5.7 | 25 | 1 | US-10-719-900-829767 | Sequence 829767, |
| C 272 | 16.8 | 5.8 | 25 | 1 | US-10-719-900-703466 | Sequence 703466, | C 345 | 16.6 | 5.7 | 25 | 1 | US-10-719-900-829767 | Sequence 829767, |
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| C 276 | 16.8 | 5.8 | 25 | 1 | US-10-719-956-669530 | Sequence 669530, | C 349 | 16.6 | 5.7 | 25 | 1 | US-10-719-956-82183 | Sequence 82183, A |
| C 277 | 16.8 | 5.8 | 25 | 1 | US-60-417-190-55924 | Sequence 55924, A | C 350 | 16.6 | 5.7 | 25 | 1 | US-10-719-956-82183 | Sequence 82183, A |
| C 278 | 16.8 | 5.8 | 25 | 1 | US-60-417-190-55925 | Sequence 55925, A | C 351 | 16.6 | 5.7 | 25 | 1 | US-10-719-956-81406 | Sequence 81406, A |
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| C 281 | 16.8 | 5.8 | 25 | 1 | US-60-427-808-336610 | Sequence 336610, | C 354 | 16.6 | 5.7 | 25 | 1 | US-10-719-956-418681 | Sequence 418681, |
| C 282 | 16.8 | 5.8 | 25 | 1 | US-60-427-808-503037 | Sequence 503037, | C 355 | 16.6 | 5.7 | 25 | 1 | US-10-719-956-418681 | Sequence 418681, |
| C 283 | 16.8 | 5.8 | 25 | 1 | US-60-427-808-643475 | Sequence 643475, | C 356 | 16.6 | 5.7 | 25 | 1 | US-10-719-956-823510 | Sequence 823510, |
| C 284 | 16.8 | 5.8 | 25 | 1 | US-60-427-808-698227 | Sequence 698227, | C 357 | 16.6 | 5.7 | 25 | 1 | US-10-719-956-823510 | Sequence 823510, |
| C 285 | 16.8 | 5.8 | 25 | 1 | US-60-427-808-703092 | Sequence 703092, | C 358 | 16.6 | 5.7 | 25 | 1 | US-60-233-166-307679 | Sequence 307679, |
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| C 288 | 16.8 | 5.8 | 25 | 1 | US-60-427-836-197599 | Sequence 197599, | C 361 | 16.6 | 5.7 | 25 | 1 | US-60-233-620-85500 | Sequence 85500, A |
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| C 297 | 16.6 | 5.7 | 25 | 1 | US-09-396-196F-44511 | Sequence 44511, A | C 370 | 16.6 | 5.7 | 25 | 1 | US-60-353-987-336408 | Sequence 336408, |
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| C 299 | 16.6 | 5.7 | 25 | 1 | US-09-396-196F-112079 | Sequence 112079, | C 372 | 16.6 | 5.7 | 25 | 1 | US-60-353-987-466071 | Sequence 466071, |
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| C 301 | 16.6 | 5.7 | 25 | 1 | US-09-396-196F-48493 | Sequence 48493, A | C 374 | 16.6 | 5.7 | 25 | 1 | US-60-353-987-774414 | Sequence 774414, |
| C 302 | 16.6 | 5.7 | 25 | 1 | US-09-396-196F-112079 | Sequence 112079, | C 375 | 16.6 | 5.7 | 25 | 1 | US-60-353-987-781427 | Sequence 781427, |
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| C 304 | 16.6 | 5.7 | 25 | 1 | US-09-953-570A-116413 | Sequence 116413, | C 377 | 16.6 | 5.7 | 25 | 1 | US-60-353-987-831406 | Sequence 831406, |
| C 305 | 16.6 | 5.7 | 25 | 1 | US-09-954-427-307679 | Sequence 307679, | C 378 | 16.6 | 5.7 | 25 | 1 | US-60-353-987-834586 | Sequence 834586, |
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| C 307 | 16.6 | 5.7 | 25 | 1 | US-09-954-427-324275 | Sequence 324275, | C 380 | 16.6 | 5.7 | 25 | 1 | US-60-417-190-99273 | Sequence 99273, A |
| C 308 | 16.6 | 5.7 | 25 | 1 | US-09-954-427A-42176 | Sequence 42176, A | C 381 | 16.6 | 5.7 | 25 | 1 | US-60-427-808-44651 | Sequence 44651, A |
| C 309 | 16.6 | 5.7 | 25 | 1 | US-09-954-427A-135757 | Sequence 135757, | C 382 | 16.6 | 5.7 | 25 | 1 | US-60-427-808-479276 | Sequence 479276, |
| C 310 | 16.6 | 5.7 | 25 | 1 | US-09-954-427A-198231 | Sequence 198231, | C 383 | 16.6 | 5.7 | 25 | 1 | US-60-427-808-479276 | Sequence 479276, |
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| C 318 | 16.6 | 5.7 | 25 | 1 | US-09-956-584-249920 | Sequence 249920, | C 391 | 16.6 | 5.7 | 25 | 1 | US-60-427-808-479276 | Sequence 479276, |
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| C 323 | 16.6 | 5.7 | 25 | 1 | US-09-956-604-73211 | Sequence 73211, A | C 396 | 16.6 | 5.7 | 25 | 1 | US-60-427-808-479276 | Sequence 479276, |
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| C 325 | 16.6 | 5.7 | 25 | 1 | US-09-956-604B-73211 | Sequence 73211, A | C 398 | 16.6 | 5.7 | 25 | 1 | US-60-427-808-479276 | Sequence 479276, |

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| C 401 | 16.6 | 5.7 | 25 | 1 | US-60-470-475-91052 | Sequence 91052, A | C 474 | 15 | 5.2 | 23 | 1 | PCT-US00-12065-22 | Sequence 22, Appl |
| C 402 | 16.6 | 5.7 | 25 | 1 | US-60-470-475-123764 | Sequence 123764, A | C 475 | 15 | 5.2 | 23 | 1 | PCT-US00-12065-46 | Sequence 46, Appl |
| 403 | 16.6 | 5.7 | 25 | 1 | US-60-475-871-65138 | Sequence 65138, A | 476 | 15 | 5.2 | 23 | 1 | US-10-018-192-22 | Sequence 22, Appl |
| 404 | 16.6 | 5.7 | 25 | 1 | US-60-475-871-177969 | Sequence 177969, A | 477 | 15 | 5.2 | 23 | 1 | US-10-018-192-45 | Sequence 45, Appl |
| 405 | 16.6 | 5.7 | 25 | 1 | US-60-507-481-97684 | Sequence 97684, A | 478 | 15 | 5.2 | 23 | 1 | US-10-146-835-22 | Sequence 22, Appl |
| C 406 | 16.6 | 5.7 | 25 | 1 | US-60-507-511-59440 | Sequence 59440, A | C 479 | 15 | 5.2 | 23 | 1 | US-10-287-820-55 | Sequence 55, Appl |
| C 407 | 16.6 | 5.7 | 25 | 1 | US-60-507-511-91931 | Sequence 91931, A | 480 | 15 | 5.2 | 23 | 1 | US-10-287-820-7514 | Sequence 7514, Ap |
| C 408 | 16.6 | 5.7 | 25 | 1 | US-60-507-511-92887 | Sequence 92887, A | 481 | 15 | 5.2 | 23 | 1 | US-10-336-855-15 | Sequence 15, Appl |
| C 409 | 16.4 | 5.7 | 21 | 1 | US-10-751-736-26469 | Sequence 26469, A | C 482 | 15 | 5.2 | 23 | 1 | US-10-719-993-55268 | Sequence 55268, A |
| C 410 | 16.4 | 5.7 | 21 | 1 | US-10-751-736-21759 | Sequence 21759, A | C 483 | 14.8 | 5.1 | 18 | 1 | US-09-451-662-25 | Sequence 25, Appl |
| C 411 | 16.4 | 5.7 | 25 | 1 | US-09-620-222-95751 | Sequence 95751, A | C 484 | 14.8 | 5.1 | 18 | 1 | US-09-451-662-27 | Sequence 27, Appl |
| C 412 | 16.4 | 5.7 | 25 | 1 | US-09-554-427-417020 | Sequence 417020, A | C 485 | 14.8 | 5.1 | 19 | 1 | PCT-US03-05045-188 | Sequence 188, App |
| C 413 | 16.4 | 5.7 | 25 | 1 | US-09-554-427A-310586 | Sequence 310586, A | 486 | 14.8 | 5.1 | 19 | 1 | PCT-US03-05045-437 | Sequence 437, App |
| C 414 | 16.4 | 5.7 | 25 | 1 | US-09-554-445A-107879 | Sequence 107879, A | C 487 | 14.8 | 5.1 | 19 | 1 | PCT-US03-05045-938 | Sequence 938, App |
| C 415 | 16.4 | 5.7 | 25 | 1 | US-10-681-773-15717 | Sequence 15717, A | 488 | 14.8 | 5.1 | 19 | 1 | PCT-US03-05045-938 | Sequence 938, App |
| C 416 | 16.4 | 5.7 | 25 | 1 | US-10-681-773-57028 | Sequence 57028, A | C 489 | 14.8 | 5.1 | 19 | 1 | US-10-251-117-188 | Sequence 188, App |
| C 417 | 16.4 | 5.7 | 25 | 1 | US-10-681-773-103941 | Sequence 103941, A | 490 | 14.8 | 5.1 | 19 | 1 | US-10-251-117-437 | Sequence 437, App |
| C 418 | 16.4 | 5.7 | 25 | 1 | US-10-719-900-256055 | Sequence 256055, A | C 491 | 14.8 | 5.1 | 19 | 1 | US-10-251-117-685 | Sequence 685, App |
| C 419 | 16.4 | 5.7 | 25 | 1 | US-10-719-956-4087 | Sequence 4087, Ap | 492 | 14.8 | 5.1 | 19 | 1 | US-10-251-117-992 | Sequence 992, App |
| C 420 | 16.4 | 5.7 | 25 | 1 | US-10-719-956-260321 | Sequence 260321, A | C 493 | 14.8 | 5.1 | 20 | 1 | PCT-US91-30551-55 | Sequence 55, Appl |
| C 421 | 16.4 | 5.7 | 25 | 1 | US-60-333-166-417020 | Sequence 417020, A | 494 | 14.8 | 5.1 | 20 | 1 | PCT-US91-30551-55 | Sequence 55, Appl |
| C 422 | 16.4 | 5.7 | 25 | 1 | US-60-417-190-35751 | Sequence 35751, A | 495 | 14.8 | 5.1 | 20 | 1 | US-08-339-516-6 | Sequence 6, Appl |
| C 423 | 16.4 | 5.7 | 25 | 1 | US-60-417-190-35752 | Sequence 35752, A | 496 | 14.8 | 5.1 | 20 | 1 | US-09-927-956-214 | Sequence 214, App |
| C 424 | 16.4 | 5.7 | 25 | 1 | US-60-417-190-35753 | Sequence 35753, A | 497 | 14.8 | 5.1 | 20 | 1 | US-10-210-851-214 | Sequence 214, App |
| C 425 | 16.4 | 5.7 | 25 | 1 | US-60-427-808-256055 | Sequence 256055, A | 498 | 14.8 | 5.1 | 20 | 1 | US-10-211-858-214 | Sequence 214, App |
| C 426 | 16.4 | 5.7 | 25 | 1 | US-60-427-836-4087 | Sequence 4087, Ap | 499 | 14.8 | 5.1 | 20 | 1 | US-10-211-884-214 | Sequence 214, App |
| C 427 | 16.4 | 5.7 | 25 | 1 | US-60-427-836-260321 | Sequence 260321, A | C 500 | 14.8 | 5.1 | 20 | 1 | US-10-266-090-38558 | Sequence 38558, A |
| C 428 | 16.4 | 5.7 | 25 | 1 | US-60-470-475-15717 | Sequence 15717, A | 501 | 14.8 | 5.1 | 20 | 1 | US-10-310-188-23264 | Sequence 23264, A |
| C 429 | 16.4 | 5.7 | 25 | 1 | US-60-470-475-57028 | Sequence 57028, A | 502 | 14.8 | 5.1 | 22 | 1 | US-10-380-931-55 | Sequence 55, Appl |
| C 430 | 16.4 | 5.7 | 25 | 1 | US-60-470-475-103941 | Sequence 103941, A | 503 | 14.8 | 5.1 | 22 | 1 | US-10-014-877-3 | Sequence 3, Appl |
| C 431 | 16.4 | 5.7 | 25 | 1 | US-60-507-481-158156 | Sequence 158156, A | 504 | 14.8 | 5.1 | 22 | 1 | US-10-014-877-3 | Sequence 3, Appl |
| C 432 | 16.4 | 5.7 | 25 | 1 | US-10-751-736-25128 | Sequence 25128, A | 505 | 14.8 | 5.1 | 22 | 1 | US-10-310-188-56399 | Sequence 56399, A |
| C 433 | 16.2 | 5.6 | 21 | 1 | US-10-310-188-35581 | Sequence 35581, A | 506 | 14.6 | 5.0 | 21 | 1 | PCT-US01-1254-50 | Sequence 50, Appl |
| C 434 | 16.2 | 5.5 | 22 | 1 | US-09-258-031B-61 | Sequence 61, Appl | 507 | 14.6 | 5.0 | 21 | 1 | PCT-US01-15493-50 | Sequence 50, Appl |
| C 435 | 16 | 5.5 | 24 | 1 | US-09-258-031B-61 | Sequence 61, Appl | C 508 | 14.6 | 5.0 | 21 | 1 | PCT-US03-41492-74 | Sequence 74, Appl |
| C 436 | 16 | 5.5 | 24 | 1 | US-09-258-031C-61 | Sequence 61, Appl | C 509 | 14.6 | 5.0 | 21 | 1 | US-09-544-525-6 | Sequence 6, Appl |
| C 437 | 15.8 | 5.4 | 20 | 1 | US-10-310-188-79761 | Sequence 79761, A | C 510 | 14.6 | 5.0 | 21 | 1 | US-09-544-525-6 | Sequence 6, Appl |
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| C 439 | 15.8 | 5.4 | 22 | 1 | US-10-032-585-4849 | Sequence 4849, Ap | C 512 | 14.6 | 5.0 | 21 | 1 | US-09-608-062-50 | Sequence 50, Appl |
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| C 441 | 15.6 | 5.4 | 23 | 1 | US-08-637-676-2 | Sequence 2, Appl | 514 | 14.6 | 5.0 | 21 | 1 | US-10-349-143-10230 | Sequence 10230, A |
| C 442 | 15.6 | 5.4 | 24 | 1 | US-09-514-339-2 | Sequence 2, Appl | 515 | 14.6 | 5.0 | 21 | 1 | US-10-388-263-897 | Sequence 897, App |
| C 443 | 15.6 | 5.4 | 24 | 1 | US-10-440-256-2 | Sequence 2, Appl | 516 | 14.6 | 5.0 | 21 | 1 | US-10-388-263-933 | Sequence 933, App |
| C 444 | 15.6 | 5.4 | 24 | 1 | US-10-061-201-1116 | Sequence 1116, Ap | C 517 | 14.6 | 5.0 | 21 | 1 | US-10-388-263-933 | Sequence 933, App |
| C 445 | 15.4 | 5.3 | 17 | 1 | US-60-328-203-1116 | Sequence 1116, Ap | C 518 | 14.6 | 5.0 | 21 | 1 | US-10-658-661-6 | Sequence 6, Appl |
| C 446 | 15.4 | 5.3 | 17 | 1 | US-09-179-5368-102 | Sequence 102, App | C 519 | 14.6 | 5.0 | 21 | 1 | US-10-751-736-26660 | Sequence 26660, A |
| C 447 | 15.4 | 5.3 | 19 | 1 | US-09-686-148-102 | Sequence 102, App | C 520 | 14.6 | 5.0 | 21 | 1 | US-10-751-736-35932 | Sequence 35932, A |
| C 448 | 15.4 | 5.3 | 19 | 1 | US-09-686-148-102 | Sequence 102, App | 521 | 14.6 | 5.0 | 21 | 1 | US-10-751-736-40883 | Sequence 40883, A |
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| C 451 | 15.4 | 5.3 | 20 | 1 | US-09-67-272-8 | Sequence 8, Appl | C 524 | 14.6 | 5.0 | 22 | 1 | US-09-520-781-51 | Sequence 51, Appl |
| C 452 | 15.4 | 5.3 | 20 | 1 | US-10-289-762-5931 | Sequence 5931, Ap | C 525 | 14.6 | 5.0 | 22 | 1 | US-09-864-426A-1065 | Sequence 1065, Ap |
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| C 454 | 15.4 | 5.3 | 20 | 1 | US-10-144-577-18 | Sequence 18, Appl | C 527 | 14.6 | 5.0 | 22 | 1 | US-09-957-187-51 | Sequence 51, Appl |
| C 455 | 15.2 | 5.2 | 20 | 1 | US-10-144-577-20 | Sequence 20, Appl | C 528 | 14.6 | 5.0 | 22 | 1 | US-09-950-843-51 | Sequence 51, Appl |
| C 456 | 15.2 | 5.2 | 20 | 1 | US-10-144-577-46 | Sequence 46, Appl | C 529 | 14.6 | 5.0 | 22 | 1 | US-09-951-053-51 | Sequence 51, Appl |
| C 457 | 15.2 | 5.2 | 20 | 1 | US-10-298-123-32 | Sequence 32, Appl | C 530 | 14.6 | 5.0 | 22 | 1 | US-10-084-839-1066 | Sequence 1065, Ap |
| C 458 | 15.2 | 5.2 | 20 | 1 | US-10-298-123-63 | Sequence 63, Appl | C 531 | 14.6 | 5.0 | 22 | 1 | US-10-287-820-465 | Sequence 466, App |
| C 459 | 15.2 | 5.2 | 20 | 1 | US-10-303-778-634 | Sequence 634, App | C 532 | 14.6 | 5.0 | 22 | 1 | US-10-310-188-18113 | Sequence 18113, A |
| C 460 | 15.2 | 5.2 | 21 | 1 | PCT-US03-17676-47 | Sequence 47, Appl | 533 | 14.4 | 5.0 | 17 | 1 | US-09-541-246-1044 | Sequence 1044, Ap |
| C 461 | 15.2 | 5.2 | 21 | 1 | US-10-455-552-47 | Sequence 47, Appl | 534 | 14.4 | 5.0 | 17 | 1 | US-10-061-201-1115 | Sequence 1115, Ap |
| C 462 | 15.2 | 5.2 | 21 | 1 | US-10-751-736-14101 | Sequence 14101, A | C 535 | 14.4 | 5.0 | 17 | 1 | US-10-061-201-1117 | Sequence 1117, Ap |
| C 463 | 15.2 | 5.2 | 21 | 1 | US-10-751-736-45443 | Sequence 45443, A | C 536 | 14.4 | 5.0 | 17 | 1 | US-10-303-778-15663 | Sequence 15663, A |
| C 464 | 15.2 | 5.2 | 22 | 1 | US-10-303-778-250 | Sequence 250, App | C 537 | 14.4 | 5.0 | 17 | 1 | US-10-310-188-83069 | Sequence 83069, A |
| C 465 | 15.2 | 5.2 | 22 | 1 | US-10-310-188-39943 | Sequence 39943, A | C 538 | 14.4 | 5.0 | 17 | 1 | US-60-328-205-1115 | Sequence 1115, Ap |
| C 466 | 15.2 | 5.2 | 22 | 1 | US-09-007-761B-13 | Sequence 13, Appl | 539 | 14.4 | 5.0 | 17 | 1 | US-60-328-205-1117 | Sequence 1117, Ap |
| C 467 | 15.2 | 5.2 | 23 | 1 | US-09-482-573B-13 | Sequence 13, Appl | 540 | 14.4 | 5.0 | 17 | 1 | US-60-216-745-6966 | Sequence 6966, Ap |
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| C 469 | 15.2 | 5.2 | 23 | 1 | US-10-251-115-13 | Sequence 13, Appl | 542 | 14.4 | 5.0 | 19 | 1 | US-09-514-000-8881 | Sequence 8881, Ap |
| C 470 | 15.2 | 5.2 | 23 | 1 | US-10-310-188-9812 | Sequence 9812, Ap | 543 | 14.4 | 5.0 | 20 | 1 | US-09-965-381-6 | Sequence 6, Appl |
| C 471 | 15 | 5.2 | 19 | 1 | | | 544 | 14.4 | 5.0 | 20 | 1 | | |

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|-------|------|-----|----|---|---------------------|--------------------|-------|------|-----|----|---|----------------------|---------------------|
| C 545 | 14.4 | 5.0 | 20 | 1 | US-10-266-090-48414 | Sequence 48414, A | C 618 | 13.8 | 4.8 | 17 | 1 | US-10-017-974-6517 | Sequence 6517, Ap |
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| C 547 | 14.4 | 5.0 | 21 | 1 | US-10-751-736-20472 | Sequence 20472, A | C 620 | 13.8 | 4.8 | 17 | 1 | US-10-303-778-15561 | Sequence 15561, A |
| C 548 | 14.4 | 5.0 | 21 | 1 | US-10-751-736-21762 | Sequence 21762, A | C 621 | 13.8 | 4.8 | 17 | 1 | US-10-310-188-29766 | Sequence 29766, A |
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| C 550 | 14.4 | 5.0 | 22 | 1 | US-09-839-446-48 | Sequence 48, Appl | C 623 | 13.8 | 4.8 | 18 | 1 | PCT-US02-25943-833 | Sequence 833, Appl |
| C 551 | 14.4 | 5.0 | 22 | 1 | US-09-898-570-48 | Sequence 48, Appl | C 624 | 13.8 | 4.8 | 18 | 1 | PCT-US02-25943-30131 | Sequence 30131, A |
| C 552 | 14.4 | 5.0 | 22 | 1 | US-10-199-957A-144 | Sequence 144, Appl | C 625 | 13.8 | 4.8 | 18 | 1 | US-08-057-165-160 | Sequence 160, Appl |
| C 553 | 14.2 | 4.9 | 19 | 1 | PCT-US03-04123-150 | Sequence 150, Appl | C 626 | 13.8 | 4.8 | 18 | 1 | US-09-958-254-82 | Sequence 22, Appl |
| C 554 | 14.2 | 4.9 | 19 | 1 | PCT-US03-04123-335 | Sequence 335, Appl | C 627 | 13.8 | 4.8 | 18 | 1 | US-10-227-565-833 | Sequence 833, Appl |
| C 555 | 14.2 | 4.9 | 19 | 1 | PCT-US03-16651-376 | Sequence 376, Appl | C 628 | 13.8 | 4.8 | 18 | 1 | US-10-227-565-30131 | Sequence 30131, A |
| C 556 | 14.2 | 4.9 | 19 | 1 | US-10-206-703-150 | Sequence 150, Appl | C 629 | 13.8 | 4.8 | 18 | 1 | US-10-303-778-11357 | Sequence 833, Appl |
| C 557 | 14.2 | 4.9 | 19 | 1 | US-10-206-703-335 | Sequence 335, Appl | C 630 | 13.8 | 4.8 | 18 | 1 | US-10-367-832A-833 | Sequence 833, Appl |
| C 558 | 14.2 | 4.9 | 19 | 1 | US-10-206-705A-150 | Sequence 150, Appl | C 631 | 13.8 | 4.8 | 18 | 1 | US-10-367-832A-30131 | Sequence 30131, A |
| C 559 | 14.2 | 4.9 | 19 | 1 | US-10-206-705A-335 | Sequence 335, Appl | C 632 | 13.8 | 4.8 | 18 | 1 | US-10-409-814A-20 | Sequence 20, Appl |
| C 560 | 14.2 | 4.9 | 19 | 1 | US-10-310-188-3347 | Sequence 33247, A | C 633 | 13.8 | 4.8 | 18 | 1 | US-10-473-126A-1048 | Sequence 1048, Ap |
| C 561 | 14.2 | 4.9 | 19 | 1 | US-10-310-188-71858 | Sequence 71858, A | C 634 | 13.8 | 4.8 | 19 | 1 | US-10-182-269A-18 | Sequence 18, Appl |
| C 562 | 14.2 | 4.9 | 19 | 1 | US-10-444-925-376 | Sequence 376, Appl | C 635 | 13.8 | 4.8 | 19 | 1 | US-10-310-188-46011 | Sequence 46011, A |
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| C 564 | 14.2 | 4.9 | 20 | 1 | PCT-US03-20865-333 | Sequence 333, Appl | C 637 | 13.8 | 4.8 | 19 | 1 | US-60-216-745-4716 | Sequence 4716, Ap |
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| C 568 | 14.2 | 4.9 | 20 | 1 | US-09-446-024A-22 | Sequence 22, Appl | C 641 | 13.8 | 4.8 | 20 | 1 | PCT-US03-20865-554 | Sequence 554, Appl |
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| C 572 | 14.2 | 4.9 | 20 | 1 | US-09-703-708-12664 | Sequence 12664, A | C 645 | 13.8 | 4.8 | 20 | 1 | PCT-US03-25389-2622 | Sequence 2622, Ap |
| C 573 | 14.2 | 4.9 | 20 | 1 | US-09-824-322B-346 | Sequence 346, Appl | C 646 | 13.8 | 4.8 | 20 | 1 | US-09-514-000-8003 | Sequence 9003, Ap |
| C 574 | 14.2 | 4.9 | 20 | 1 | US-10-176-277-15 | Sequence 15, Appl | C 647 | 13.8 | 4.8 | 20 | 1 | US-09-851-871A-22 | Sequence 22, Appl |
| C 575 | 14.2 | 4.9 | 20 | 1 | US-10-176-277-52 | Sequence 52, Appl | C 648 | 13.8 | 4.8 | 20 | 1 | US-09-851-871A-22 | Sequence 22, Appl |
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| C 578 | 14.2 | 4.9 | 20 | 1 | US-10-289-762-4115 | Sequence 4115, Ap | C 651 | 13.8 | 4.8 | 20 | 1 | US-09-980-953-82 | Sequence 82, Appl |
| C 579 | 14.2 | 4.9 | 20 | 1 | US-10-293-338-6121 | Sequence 6121, Ap | C 652 | 13.8 | 4.8 | 20 | 1 | US-10-189-406-64 | Sequence 64, Appl |
| C 580 | 14.2 | 4.9 | 20 | 1 | US-10-298-123-35 | Sequence 35, Appl | C 653 | 13.8 | 4.8 | 20 | 1 | US-10-189-406-61 | Sequence 61, Appl |
| C 581 | 14.2 | 4.9 | 20 | 1 | US-10-298-123-66 | Sequence 66, Appl | C 654 | 13.8 | 4.8 | 20 | 1 | US-10-266-090-42928 | Sequence 42928, A |
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| C 584 | 14.2 | 4.9 | 20 | 1 | US-10-317-270-59 | Sequence 59, Appl | C 657 | 13.8 | 4.8 | 20 | 1 | US-10-316-540-43 | Sequence 43, Appl |
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| C 586 | 14.2 | 4.9 | 20 | 1 | US-10-647-918-346 | Sequence 346, Appl | C 659 | 13.8 | 4.8 | 20 | 1 | US-10-483-424-50 | Sequence 50, Appl |
| C 587 | 14.2 | 4.9 | 20 | 1 | US-60-164-320-12664 | Sequence 12664, A | C 660 | 13.8 | 4.8 | 20 | 1 | US-10-604-944-283 | Sequence 283, Appl |
| C 588 | 14.2 | 4.9 | 20 | 1 | US-60-183-791-12664 | Sequence 12664, A | C 661 | 13.8 | 4.8 | 20 | 1 | US-10-605-838-283 | Sequence 283, Appl |
| C 589 | 14.2 | 4.9 | 20 | 1 | US-08-905-825-2 | Sequence 2, Appl | C 662 | 13.8 | 4.8 | 20 | 1 | US-10-641-962-22 | Sequence 22, Appl |
| C 590 | 14.2 | 4.9 | 21 | 1 | US-09-129-026-2 | Sequence 1791, Ap | C 663 | 13.8 | 4.8 | 21 | 1 | PCT-US98-04571A-21 | Sequence 21, Appl |
| C 591 | 14.2 | 4.9 | 21 | 1 | US-09-657-472-1791 | Sequence 32, Appl | C 664 | 13.8 | 4.8 | 21 | 1 | US-08-813-159-21 | Sequence 21, Appl |
| C 592 | 14.2 | 4.9 | 21 | 1 | US-09-959-120-32 | Sequence 32, Appl | C 665 | 13.8 | 4.8 | 21 | 1 | US-09-657-472-2166 | Sequence 2166, Ap |
| C 593 | 14.2 | 4.9 | 21 | 1 | US-09-977-797A-2 | Sequence 16609, A | C 666 | 13.8 | 4.8 | 21 | 1 | US-10-294-719-63 | Sequence 63, Appl |
| C 594 | 14.2 | 4.9 | 21 | 1 | US-10-303-778-16609 | Sequence 2, Appl | C 667 | 13.8 | 4.8 | 21 | 1 | US-10-304-441-1 | Sequence 1, Appl |
| C 595 | 14.2 | 4.9 | 21 | 1 | US-10-612-121-2 | Sequence 2537, Ap | C 668 | 13.8 | 4.8 | 21 | 1 | US-10-751-736-13673 | Sequence 13673, A |
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| C 603 | 14.2 | 4.9 | 21 | 1 | US-09-922-261-299 | Sequence 261, Appl | C 676 | 13.8 | 4.8 | 21 | 1 | PCT-US02-16135-22 | Sequence 22, Appl |
| C 604 | 14.2 | 4.9 | 21 | 1 | US-09-000-004A-5 | Sequence 6, Appl | C 677 | 13.8 | 4.8 | 21 | 1 | PCT-US03-33266-67 | Sequence 67, Appl |
| C 605 | 14.2 | 4.9 | 21 | 1 | US-09-182-472-6 | Sequence 167, Appl | C 678 | 13.8 | 4.8 | 21 | 1 | PCT-US03-01696-19 | Sequence 19, Appl |
| C 606 | 14.2 | 4.9 | 21 | 1 | US-09-657-472-167 | Sequence 1573, Ap | C 679 | 13.8 | 4.8 | 21 | 1 | PCT-US03-25389-510 | Sequence 510, Appl |
| C 607 | 14.2 | 4.9 | 21 | 1 | US-08-777-920-1573 | Sequence 1573, Ap | C 680 | 13.8 | 4.8 | 21 | 1 | PCT-US03-30374-775 | Sequence 775, Appl |
| C 608 | 14.2 | 4.9 | 21 | 1 | US-09-532-537B-51 | Sequence 51, Appl | C 681 | 13.8 | 4.8 | 21 | 1 | PCT-US03-37383-334 | Sequence 334, Appl |
| C 609 | 14.2 | 4.9 | 21 | 1 | US-09-780-533A-13 | Sequence 13, Appl | C 682 | 13.8 | 4.8 | 21 | 1 | PCT-US03-37383-440 | Sequence 440, Appl |
| C 610 | 14.2 | 4.9 | 21 | 1 | US-09-780-533A-772 | Sequence 772, Appl | C 683 | 13.8 | 4.8 | 21 | 1 | PCT-US03-37486-75 | Sequence 75, Appl |
| C 611 | 14.2 | 4.9 | 21 | 1 | US-09-780-533A-773 | Sequence 773, Appl | C 684 | 13.8 | 4.8 | 21 | 1 | PCT-US99-1536A-67 | Sequence 67, Appl |
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| C 614 | 13.8 | 4.8 | 17 | 1 | | | C 687 | 13.6 | 4.7 | 20 | 1 | | |
| C 615 | 13.8 | 4.8 | 17 | 1 | | | C 688 | 13.6 | 4.7 | 20 | 1 | | |
| C 616 | 13.8 | 4.8 | 17 | 1 | | | C 689 | 13.6 | 4.7 | 20 | 1 | | |
| C 617 | 13.8 | 4.8 | 17 | 1 | | | C 690 | 13.6 | 4.7 | 20 | 1 | | |

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|-------|------|-----|----|---|---------------------|--------------------|-------|------|-----|----|---|---------------------|--------------------|
| 691 | 13.6 | 4.7 | 20 | 1 | PCT-US99-11548-67 | Sequence 67, Appl | 764 | 13.4 | 4.6 | 19 | 1 | US-10-266-090-42122 | Sequence 42122, A |
| C 692 | 13.6 | 4.7 | 20 | 1 | PCT-US99-23171-239 | Sequence 239, App | 765 | 13.4 | 4.6 | 19 | 1 | US-10-310-188-61099 | Sequence 61099, A |
| C 693 | 13.6 | 4.7 | 20 | 1 | US-08-331-510A-27 | Sequence 27, Appl | C 766 | 13.4 | 4.6 | 20 | 1 | PCT-US00-04340-79 | Sequence 79, Appl |
| C 694 | 13.6 | 4.7 | 20 | 1 | US-08-832-633-11 | Sequence 11, Appl | C 767 | 13.4 | 4.6 | 20 | 1 | PCT-US01-13209A-80 | Sequence 80, Appl |
| C 695 | 13.6 | 4.7 | 20 | 1 | US-08-982-845-67 | Sequence 67, Appl | C 768 | 13.4 | 4.6 | 20 | 1 | PCT-US03-16214-14 | Sequence 14, Appl |
| 696 | 13.6 | 4.7 | 20 | 1 | US-08-991-525-67 | Sequence 67, Appl | C 769 | 13.4 | 4.6 | 20 | 1 | US-09-046-351-129 | Sequence 129, Appl |
| C 697 | 13.6 | 4.7 | 20 | 1 | US-09-483-673-19 | Sequence 19, Appl | 770 | 13.4 | 4.6 | 20 | 1 | US-09-201-2288-1134 | Sequence 1234, Ap |
| C 698 | 13.6 | 4.7 | 20 | 1 | US-09-483-674-19 | Sequence 19, Appl | 771 | 13.4 | 4.6 | 20 | 1 | US-09-201-2288-5591 | Sequence 5591, Ap |
| 699 | 13.6 | 4.7 | 20 | 1 | US-09-548-954A-830 | Sequence 830, App | 772 | 13.4 | 4.6 | 20 | 1 | US-09-507-209-78 | Sequence 79, Appl |
| C 700 | 13.6 | 4.7 | 20 | 1 | US-09-548-954B-830 | Sequence 830, App | 773 | 13.4 | 4.6 | 20 | 1 | US-09-514-000-13154 | Sequence 13154, A |
| C 701 | 13.6 | 4.7 | 20 | 1 | US-09-568-218-19 | Sequence 19, Appl | 774 | 13.4 | 4.6 | 20 | 1 | US-09-514-000-14068 | Sequence 14068, A |
| C 702 | 13.6 | 4.7 | 20 | 1 | US-09-676-380A-12 | Sequence 12, Appl | C 775 | 13.4 | 4.6 | 20 | 1 | US-09-548-954A-582 | Sequence 582, App |
| 703 | 13.6 | 4.7 | 20 | 1 | US-09-703-708-11146 | Sequence 11146, A | C 776 | 13.4 | 4.6 | 20 | 1 | US-09-548-954B-582 | Sequence 582, App |
| 704 | 13.6 | 4.7 | 20 | 1 | US-09-865-866-22 | Sequence 22, Appl | C 777 | 13.4 | 4.6 | 20 | 1 | US-09-851-871-126 | Sequence 126, App |
| 705 | 13.6 | 4.7 | 20 | 1 | US-09-924-125-6 | Sequence 6, Appl | 778 | 13.4 | 4.6 | 20 | 1 | US-09-851-871-126 | Sequence 126, App |
| 706 | 13.6 | 4.7 | 20 | 1 | US-09-982-262B-67 | Sequence 67, Appl | 779 | 13.4 | 4.6 | 20 | 1 | US-09-869-873-3471 | Sequence 3471, Ap |
| 707 | 13.6 | 4.7 | 20 | 1 | US-09-982-262C-67 | Sequence 67, Appl | 780 | 13.4 | 4.6 | 20 | 1 | US-09-980-953-126 | Sequence 126, App |
| C 708 | 13.6 | 4.7 | 20 | 1 | US-10-060-793-19 | Sequence 19, Appl | 781 | 13.4 | 4.6 | 20 | 1 | US-10-144-577-25 | Sequence 25, Appl |
| C 709 | 13.6 | 4.7 | 20 | 1 | US-10-131-831-9079 | Sequence 9079, Ap | 782 | 13.4 | 4.6 | 20 | 1 | US-10-144-577-26 | Sequence 26, Appl |
| C 710 | 13.6 | 4.7 | 20 | 1 | US-10-159-856-77 | Sequence 77, Appl | 783 | 13.4 | 4.6 | 20 | 1 | US-10-144-577-49 | Sequence 49, Appl |
| 711 | 13.6 | 4.7 | 20 | 1 | US-10-159-856-127 | Sequence 127, App | 784 | 13.4 | 4.6 | 20 | 1 | US-10-174-665-14 | Sequence 14, Appl |
| 712 | 13.6 | 4.7 | 20 | 1 | US-10-174-014-45 | Sequence 45, Appl | C 785 | 13.4 | 4.6 | 20 | 1 | US-10-258-664-80 | Sequence 80, Appl |
| C 713 | 13.6 | 4.7 | 20 | 1 | US-10-174-014-68 | Sequence 68, Appl | C 786 | 13.4 | 4.6 | 20 | 1 | US-10-258-664-81 | Sequence 81, Appl |
| 714 | 13.6 | 4.7 | 20 | 1 | US-10-181-542-65 | Sequence 65, Appl | C 787 | 13.4 | 4.6 | 20 | 1 | US-10-266-090-40735 | Sequence 40735, A |
| 715 | 13.6 | 4.7 | 20 | 1 | US-10-266-090-40074 | Sequence 40074, A | C 788 | 13.4 | 4.6 | 20 | 1 | US-10-266-090-48325 | Sequence 48325, A |
| 716 | 13.6 | 4.7 | 20 | 1 | US-10-266-090-46300 | Sequence 46300, A | 789 | 13.4 | 4.6 | 20 | 1 | US-10-298-994-138 | Sequence 138, App |
| 717 | 13.6 | 4.7 | 20 | 1 | US-10-266-090-51476 | Sequence 51476, A | 790 | 13.4 | 4.6 | 20 | 1 | US-10-310-188-33115 | Sequence 38115, A |
| 718 | 13.6 | 4.7 | 20 | 1 | US-10-289-762-1418 | Sequence 1418, Ap | C 791 | 13.4 | 4.6 | 20 | 1 | US-10-348-031-181 | Sequence 14, Appl |
| C 719 | 13.6 | 4.7 | 20 | 1 | US-10-289-762-6533 | Sequence 6553, Ap | C 792 | 13.4 | 4.6 | 20 | 1 | US-10-349-143-4532 | Sequence 4532, Ap |
| C 720 | 13.6 | 4.7 | 20 | 1 | US-10-293-338-7447 | Sequence 7447, Ap | C 793 | 13.4 | 4.6 | 20 | 1 | US-10-444-006-126 | Sequence 126, App |
| C 721 | 13.6 | 4.7 | 20 | 1 | US-10-303-326-39 | Sequence 39, Appl | 794 | 13.4 | 4.6 | 20 | 1 | US-10-641-962-126 | Sequence 126, Appl |
| C 722 | 13.6 | 4.7 | 20 | 1 | US-10-303-326-65 | Sequence 65, Appl | 795 | 13.4 | 4.6 | 20 | 1 | PCT-US02-18049-33 | Sequence 33, Appl |
| C 723 | 13.6 | 4.7 | 20 | 1 | US-10-303-635-72 | Sequence 72, Appl | 796 | 13.4 | 4.6 | 20 | 1 | PCT-US03-29294A-62 | Sequence 62, Appl |
| 724 | 13.6 | 4.7 | 20 | 1 | US-10-304-098-33 | Sequence 33, Appl | C 797 | 13.2 | 4.6 | 18 | 1 | PCT-US03-41497-33 | Sequence 33, Appl |
| 725 | 13.6 | 4.7 | 20 | 1 | US-10-308-968-6 | Sequence 6, Appl | 798 | 13.2 | 4.6 | 18 | 1 | PCT-US03-29294A-62 | Sequence 33, Appl |
| C 726 | 13.6 | 4.7 | 20 | 1 | US-10-310-188-34713 | Sequence 34713, A | 799 | 13.2 | 4.6 | 18 | 1 | PCT-US03-41497-33 | Sequence 33, Appl |
| C 727 | 13.6 | 4.7 | 20 | 1 | US-10-310-188-35814 | Sequence 35814, A | C 800 | 13.2 | 4.6 | 18 | 1 | US-09-878-582-33 | Sequence 33, Appl |
| 728 | 13.6 | 4.7 | 20 | 1 | US-10-325-899-9079 | Sequence 9079, Ap | C 801 | 13.2 | 4.6 | 18 | 1 | US-09-878-582-33 | Sequence 33, Appl |
| 729 | 13.6 | 4.7 | 20 | 1 | US-10-383-864-120 | Sequence 120, Appl | C 802 | 13.2 | 4.6 | 18 | 1 | US-10-014-012-161 | Sequence 161, Appl |
| C 730 | 13.6 | 4.7 | 20 | 1 | US-10-417-719-19 | Sequence 19, Appl | C 803 | 13.2 | 4.6 | 18 | 1 | US-10-077-023-50 | Sequence 50, Appl |
| 731 | 13.6 | 4.7 | 20 | 1 | US-10-423-311-14 | Sequence 14, Appl | C 804 | 13.2 | 4.6 | 18 | 1 | US-10-239-995-7 | Sequence 7, Appl |
| C 732 | 13.6 | 4.7 | 20 | 1 | US-10-434-350-17 | Sequence 17, Appl | 805 | 13.2 | 4.6 | 18 | 1 | US-10-287-822-4145 | Sequence 4145, Ap |
| 733 | 13.6 | 4.7 | 20 | 1 | US-10-454-663-67 | Sequence 67, Appl | 806 | 13.2 | 4.6 | 18 | 1 | US-10-287-822-4145 | Sequence 4145, Ap |
| 734 | 13.6 | 4.7 | 20 | 1 | US-10-671-395-775 | Sequence 775, App | C 807 | 13.2 | 4.6 | 18 | 1 | US-10-293-338-6753 | Sequence 6753, Ap |
| 735 | 13.6 | 4.7 | 20 | 1 | US-60-164-320-11146 | Sequence 11146, A | C 808 | 13.2 | 4.6 | 18 | 1 | US-10-303-778-730 | Sequence 730, App |
| 736 | 13.6 | 4.7 | 20 | 1 | US-60-183-791-11146 | Sequence 11146, A | C 809 | 13.2 | 4.6 | 18 | 1 | US-10-310-188-22115 | Sequence 22115, A |
| C 737 | 13.6 | 4.7 | 20 | 1 | US-60-446-941-86 | Sequence 86, Appl | C 810 | 13.2 | 4.6 | 18 | 1 | US-10-310-188-56369 | Sequence 56369, A |
| 738 | 13.4 | 4.6 | 16 | 1 | US-10-605-840-2672 | Sequence 2672, Ap | C 811 | 13.2 | 4.6 | 18 | 1 | US-10-310-188-65275 | Sequence 65275, A |
| 739 | 13.4 | 4.6 | 17 | 1 | PCT-US98-10391-467 | Sequence 47, Appl | 812 | 13.2 | 4.6 | 18 | 1 | US-10-310-188-66018 | Sequence 66018, A |
| 740 | 13.4 | 4.6 | 17 | 1 | US-08-435-632-1575 | Sequence 1575, Ap | C 813 | 13.2 | 4.6 | 18 | 1 | US-10-336-2138-33 | Sequence 33, Appl |
| 741 | 13.4 | 4.6 | 17 | 1 | US-08-777-920-1575 | Sequence 1575, Ap | 814 | 13.2 | 4.6 | 18 | 1 | US-10-349-143-9283 | Sequence 9283, Ap |
| 742 | 13.4 | 4.6 | 17 | 1 | US-09-404-912-486 | Sequence 486, App | 815 | 13.2 | 4.6 | 18 | 1 | US-10-388-263-853 | Sequence 853, App |
| C 743 | 13.4 | 4.6 | 17 | 1 | US-09-404-912B-486 | Sequence 486, App | 816 | 13.2 | 4.6 | 18 | 1 | US-10-388-263-853 | Sequence 161, App |
| 744 | 13.4 | 4.6 | 17 | 1 | US-09-498-824A-2671 | Sequence 2671, Ap | C 817 | 13.2 | 4.6 | 18 | 1 | US-10-628-109-161 | Sequence 161, App |
| 745 | 13.4 | 4.6 | 17 | 1 | US-09-532-537B-362 | Sequence 362, App | 818 | 13.2 | 4.6 | 18 | 1 | US-10-735-308-7 | Sequence 7, Appl |
| 746 | 13.4 | 4.6 | 17 | 1 | US-09-568-189-47 | Sequence 47, Appl | C 819 | 13.2 | 4.6 | 19 | 1 | PCT-US02-25949-9059 | Sequence 9059, Ap |
| 747 | 13.4 | 4.6 | 17 | 1 | US-09-568-189A-47 | Sequence 47, Appl | C 820 | 13.2 | 4.6 | 19 | 1 | PCT-US03-04448-24 | Sequence 24, Appl |
| C 748 | 13.4 | 4.6 | 17 | 1 | US-09-776-474-1062 | Sequence 1062, Ap | C 821 | 13.2 | 4.6 | 19 | 1 | PCT-US03-04448-24 | Sequence 136, App |
| 749 | 13.4 | 4.6 | 17 | 1 | US-10-061-201-1114 | Sequence 1114, Ap | C 822 | 13.2 | 4.6 | 19 | 1 | PCT-US03-04741-50 | Sequence 50, Appl |
| 750 | 13.4 | 4.6 | 17 | 1 | US-10-061-201-1118 | Sequence 1118, Ap | C 823 | 13.2 | 4.6 | 19 | 1 | PCT-US03-04907-161 | Sequence 161, App |
| C 751 | 13.4 | 4.6 | 17 | 1 | US-10-101-188-67176 | Sequence 67176, A | C 824 | 13.2 | 4.6 | 19 | 1 | PCT-US03-04907-274 | Sequence 274, App |
| 752 | 13.4 | 4.6 | 17 | 1 | US-10-338-777-363 | Sequence 363, App | 825 | 13.2 | 4.6 | 19 | 1 | PCT-US03-16651-261 | Sequence 261, App |
| C 753 | 13.4 | 4.6 | 17 | 1 | US-10-676-154-486 | Sequence 486, App | C 826 | 13.2 | 4.6 | 19 | 1 | PCT-US03-16651-312 | Sequence 312, App |
| 754 | 13.4 | 4.6 | 17 | 1 | US-10-677-154-486 | Sequence 486, App | C 827 | 13.2 | 4.6 | 19 | 1 | PCT-US03-16651-561 | Sequence 561, App |
| 755 | 13.4 | 4.6 | 17 | 1 | US-60-328-205-1114 | Sequence 1114, Ap | 828 | 13.2 | 4.6 | 19 | 1 | PCT-US96-03117-10 | Sequence 10, Appl |
| 756 | 13.4 | 4.6 | 17 | 1 | US-60-328-205-1118 | Sequence 1118, Ap | 829 | 13.2 | 4.6 | 19 | 1 | US-08-190-199-68 | Sequence 18, Appl |
| 757 | 13.4 | 4.6 | 18 | 1 | PCT-US99-23171-85 | Sequence 85, Appl | 830 | 13.2 | 4.6 | 19 | 1 | US-08-399-986A-10 | Sequence 10, Appl |
| C 758 | 13.4 | 4.6 | 18 | 1 | US-09-295-487A-8 | Sequence 8, Appl | 831 | 13.2 | 4.6 | 19 | 1 | US-08-493-754-10 | Sequence 10, Appl |
| C 759 | 13.4 | 4.6 | 18 | 1 | US-09-295-487C-8 | Sequence 8, Appl | 832 | 13.2 | 4.6 | 19 | 1 | US-09-969-373-2896 | Sequence 2896, Ap |
| C 760 | 13.4 | 4.6 | 18 | 1 | US-10-067-125-85 | Sequence 85, Appl | 833 | 13.2 | 4.6 | 19 | 1 | US-10-049-957-13 | Sequence 13, Appl |
| C 761 | 13.4 | 4.6 | 18 | 1 | US-10-093-338-954 | Sequence 954, App | C 834 | 13.2 | 4.6 | 19 | 1 | US-10-227-655-9059 | Sequence 9059, Ap |
| C 762 | 13.4 | 4.6 | 18 | 1 | US-60-216-745-9481 | Sequence 9481, Ap | C 835 | 13.2 | 4.6 | 19 | 1 | US-10-266-090-51536 | Sequence 51536, A |

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| 837 | 13.2 | 4.6 | 19 | 1 | US-10-293-338-2786 | Sequence 2786, Ap | 910 | 13.2 | 4.6 | 20 | 1 | US-09-514-000-9324 | Sequence 8324, Ap |
| C 838 | 13.2 | 4.6 | 19 | 1 | US-10-303-778-10849 | Sequence 10849, A | 911 | 13.2 | 4.6 | 20 | 1 | US-09-548-954A-586 | Sequence 586, Ap |
| C 839 | 13.2 | 4.6 | 19 | 1 | US-10-310-188-2975 | Sequence 2975, Ap | C 912 | 13.2 | 4.6 | 20 | 1 | US-09-548-954A-1002 | Sequence 1002, Ap |
| C 840 | 13.2 | 4.6 | 19 | 1 | US-10-310-188-17730 | Sequence 17730, A | C 913 | 13.2 | 4.6 | 20 | 1 | US-09-548-954B-586 | Sequence 586, Ap |
| C 841 | 13.2 | 4.6 | 19 | 1 | US-10-310-188-19066 | Sequence 19066, A | C 914 | 13.2 | 4.6 | 20 | 1 | US-09-548-954B-1002 | Sequence 1002, Ap |
| C 842 | 13.2 | 4.6 | 19 | 1 | US-10-310-188-20345 | Sequence 20345, A | C 915 | 13.2 | 4.6 | 20 | 1 | US-09-763-362-14 | Sequence 14, Appl |
| C 843 | 13.2 | 4.6 | 19 | 1 | US-10-310-188-24537 | Sequence 24537, A | C 916 | 13.2 | 4.6 | 20 | 1 | US-09-763-362-32 | Sequence 32, Appl |
| C 844 | 13.2 | 4.6 | 19 | 1 | US-10-310-188-26110 | Sequence 26110, A | C 917 | 13.2 | 4.6 | 20 | 1 | US-09-800-629A-93 | Sequence 93, Appl |
| C 845 | 13.2 | 4.6 | 19 | 1 | US-10-310-188-34633 | Sequence 34633, A | C 918 | 13.2 | 4.6 | 20 | 1 | US-09-800-629A-165 | Sequence 165, Ap |
| C 846 | 13.2 | 4.6 | 19 | 1 | US-10-310-188-51017 | Sequence 51017, A | C 919 | 13.2 | 4.6 | 20 | 1 | US-09-824-322B-30 | Sequence 30, Appl |
| C 847 | 13.2 | 4.6 | 19 | 1 | US-10-310-188-57941 | Sequence 57941, A | C 920 | 13.2 | 4.6 | 20 | 1 | US-09-827-383A-176 | Sequence 176, Ap |
| C 848 | 13.2 | 4.6 | 19 | 1 | US-10-310-188-61917 | Sequence 61917, A | C 921 | 13.2 | 4.6 | 20 | 1 | US-09-827-383A-176 | Sequence 176, Ap |
| C 849 | 13.2 | 4.6 | 19 | 1 | US-10-310-188-63084 | Sequence 63084, A | C 922 | 13.2 | 4.6 | 20 | 1 | US-09-851-501-1225 | Sequence 1225, Ap |
| C 850 | 13.2 | 4.6 | 19 | 1 | US-10-310-188-67928 | Sequence 67928, A | C 923 | 13.2 | 4.6 | 20 | 1 | US-09-851-501-1225 | Sequence 1225, Ap |
| C 851 | 13.2 | 4.6 | 19 | 1 | US-10-310-188-69449 | Sequence 69449, A | C 924 | 13.2 | 4.6 | 20 | 1 | US-09-874-162A-10 | Sequence 10, Appl |
| C 852 | 13.2 | 4.6 | 19 | 1 | US-10-310-188-69453 | Sequence 69453, A | C 925 | 13.2 | 4.6 | 20 | 1 | US-09-906-158-45 | Sequence 45, Appl |
| C 853 | 13.2 | 4.6 | 19 | 1 | US-10-333-429-216 | Sequence 216, Ap | C 926 | 13.2 | 4.6 | 20 | 1 | US-09-908-825-3 | Sequence 3, Appl |
| C 854 | 13.2 | 4.6 | 19 | 1 | US-10-367-832A-9059 | Sequence 9059, Ap | C 927 | 13.2 | 4.6 | 20 | 1 | US-09-917-963-36 | Sequence 36, Appl |
| C 855 | 13.2 | 4.6 | 19 | 1 | US-10-444-925-261 | Sequence 261, Ap | C 928 | 13.2 | 4.6 | 20 | 1 | US-09-920-394-34 | Sequence 34, Appl |
| C 856 | 13.2 | 4.6 | 19 | 1 | US-10-444-925-312 | Sequence 312, Ap | C 929 | 13.2 | 4.6 | 20 | 1 | US-09-937-473C-93 | Sequence 93, Appl |
| C 857 | 13.2 | 4.6 | 19 | 1 | US-10-444-925-561 | Sequence 561, Ap | C 930 | 13.2 | 4.6 | 20 | 1 | US-09-980-953-225 | Sequence 225, Ap |
| C 858 | 13.2 | 4.6 | 19 | 1 | US-10-707-147-10977 | Sequence 10977, A | C 931 | 13.2 | 4.6 | 20 | 1 | US-10-014-012-160 | Sequence 160, Ap |
| C 859 | 13.2 | 4.6 | 19 | 1 | US-60-216-745-12751 | Sequence 12751, A | C 932 | 13.2 | 4.6 | 20 | 1 | US-10-121-120-126 | Sequence 126, Ap |
| C 860 | 13.2 | 4.6 | 19 | 1 | US-60-219-704-216 | Sequence 216, Ap | C 933 | 13.2 | 4.6 | 20 | 1 | US-10-126-022-157 | Sequence 157, Ap |
| C 861 | 13.2 | 4.6 | 20 | 1 | PCT-US00-50493-42 | Sequence 42, Appl | C 934 | 13.2 | 4.6 | 20 | 1 | US-10-126-022-159 | Sequence 159, Ap |
| C 862 | 13.2 | 4.6 | 20 | 1 | PCT-US01-01416A-39 | Sequence 29, Appl | C 935 | 13.2 | 4.6 | 20 | 1 | US-10-126-385-49 | Sequence 49, Ap |
| C 863 | 13.2 | 4.6 | 20 | 1 | PCT-US01-06572A-81 | Sequence 81, Appl | C 936 | 13.2 | 4.6 | 20 | 1 | US-10-139-496-44 | Sequence 44, Appl |
| C 864 | 13.2 | 4.6 | 20 | 1 | PCT-US01-17936-10 | Sequence 10, Appl | C 937 | 13.2 | 4.6 | 20 | 1 | US-10-142-722-42 | Sequence 42, Appl |
| C 865 | 13.2 | 4.6 | 20 | 1 | PCT-US02-12063-157 | Sequence 157, Ap | C 938 | 13.2 | 4.6 | 20 | 1 | US-10-160-787-68 | Sequence 68, Appl |
| C 866 | 13.2 | 4.6 | 20 | 1 | PCT-US02-12063-159 | Sequence 159, Ap | C 939 | 13.2 | 4.6 | 20 | 1 | US-10-160-787-69 | Sequence 69, Appl |
| C 867 | 13.2 | 4.6 | 20 | 1 | PCT-US02-14562-42 | Sequence 42, Appl | C 940 | 13.2 | 4.6 | 20 | 1 | US-10-160-787-128 | Sequence 128, Ap |
| C 868 | 13.2 | 4.6 | 20 | 1 | PCT-US02-14242-45 | Sequence 45, Appl | C 941 | 13.2 | 4.6 | 20 | 1 | US-10-160-787-129 | Sequence 129, Ap |
| C 869 | 13.2 | 4.6 | 20 | 1 | PCT-US02-22696-34 | Sequence 34, Appl | C 942 | 13.2 | 4.6 | 20 | 1 | US-10-162-846-62 | Sequence 62, Appl |
| C 870 | 13.2 | 4.6 | 20 | 1 | PCT-US02-22799-96 | Sequence 96, Appl | C 943 | 13.2 | 4.6 | 20 | 1 | US-10-162-846-127 | Sequence 127, Ap |
| C 871 | 13.2 | 4.6 | 20 | 1 | PCT-US02-36285-37 | Sequence 37, Appl | C 944 | 13.2 | 4.6 | 20 | 1 | US-10-181-846-29 | Sequence 29, Appl |
| C 872 | 13.2 | 4.6 | 20 | 1 | PCT-US02-36368-37 | Sequence 37, Appl | C 945 | 13.2 | 4.6 | 20 | 1 | US-10-186-157-77 | Sequence 77, Appl |
| C 873 | 13.2 | 4.6 | 20 | 1 | PCT-US02-36368-39 | Sequence 39, Appl | C 946 | 13.2 | 4.6 | 20 | 1 | US-10-186-646-53 | Sequence 53, Appl |
| C 874 | 13.2 | 4.6 | 20 | 1 | PCT-US02-31373-38 | Sequence 38, Appl | C 947 | 13.2 | 4.6 | 20 | 1 | US-10-188-646-125 | Sequence 125, Appl |
| C 875 | 13.2 | 4.6 | 20 | 1 | PCT-US02-35117-28 | Sequence 28, Appl | C 948 | 13.2 | 4.6 | 20 | 1 | US-10-213-796-61 | Sequence 61, Appl |
| C 876 | 13.2 | 4.6 | 20 | 1 | PCT-US03-12544A-49 | Sequence 49, Appl | C 949 | 13.2 | 4.6 | 20 | 1 | US-10-222-334-17 | Sequence 17, Appl |
| C 877 | 13.2 | 4.6 | 20 | 1 | PCT-US03-20821-53 | Sequence 53, Appl | C 950 | 13.2 | 4.6 | 20 | 1 | US-10-223-880-11 | Sequence 11, Appl |
| C 878 | 13.2 | 4.6 | 20 | 1 | PCT-US03-20821-115 | Sequence 115, Ap | C 951 | 13.2 | 4.6 | 20 | 1 | US-10-223-880-11 | Sequence 11, Appl |
| C 879 | 13.2 | 4.6 | 20 | 1 | PCT-US03-30865-228 | Sequence 228, Ap | C 952 | 13.2 | 4.6 | 20 | 1 | US-10-262-511-133 | Sequence 33, Ap |
| C 880 | 13.2 | 4.6 | 20 | 1 | PCT-US03-33760-81 | Sequence 81, Appl | C 953 | 13.2 | 4.6 | 20 | 1 | US-10-262-511A-333 | Sequence 33, Ap |
| C 881 | 13.2 | 4.6 | 20 | 1 | PCT-US03-35389-659 | Sequence 659, Ap | C 954 | 13.2 | 4.6 | 20 | 1 | US-10-266-090-39164 | Sequence 39164, A |
| C 882 | 13.2 | 4.6 | 20 | 1 | PCT-US03-35389-713 | Sequence 713, Ap | C 955 | 13.2 | 4.6 | 20 | 1 | US-10-266-090-39163 | Sequence 39163, A |
| C 883 | 13.2 | 4.6 | 20 | 1 | PCT-US03-35389-2066 | Sequence 2066, Ap | C 956 | 13.2 | 4.6 | 20 | 1 | US-10-266-090-40006 | Sequence 40006, A |
| C 884 | 13.2 | 4.6 | 20 | 1 | PCT-US03-35389-2820 | Sequence 2820, Ap | C 957 | 13.2 | 4.6 | 20 | 1 | US-10-266-090-43345 | Sequence 43345, A |
| C 885 | 13.2 | 4.6 | 20 | 1 | PCT-US03-35389-2894 | Sequence 2894, Ap | C 958 | 13.2 | 4.6 | 20 | 1 | US-10-266-090-44210 | Sequence 44210, A |
| C 886 | 13.2 | 4.6 | 20 | 1 | PCT-US03-37493-35 | Sequence 35, Appl | C 959 | 13.2 | 4.6 | 20 | 1 | US-10-266-090-47885 | Sequence 47885, A |
| C 887 | 13.2 | 4.6 | 20 | 1 | PCT-US03-37493-105 | Sequence 105, Ap | C 960 | 13.2 | 4.6 | 20 | 1 | US-10-266-090-49668 | Sequence 49668, A |
| C 888 | 13.2 | 4.6 | 20 | 1 | PCT-US03-37621-119 | Sequence 119, Ap | C 961 | 13.2 | 4.6 | 20 | 1 | US-10-277-216-157 | Sequence 157, Ap |
| C 889 | 13.2 | 4.6 | 20 | 1 | PCT-US03-37621-140 | Sequence 140, Ap | C 962 | 13.2 | 4.6 | 20 | 1 | US-10-277-216-159 | Sequence 159, Ap |
| C 890 | 13.2 | 4.6 | 20 | 1 | PCT-US03-37621-205 | Sequence 205, Appl | C 963 | 13.2 | 4.6 | 20 | 1 | US-10-282-186A-5 | Sequence 5, Appl |
| C 891 | 13.2 | 4.6 | 20 | 1 | PCT-US98-04983-31 | Sequence 31, Appl | C 964 | 13.2 | 4.6 | 20 | 1 | US-10-282-186A-5 | Sequence 5, Appl |
| C 892 | 13.2 | 4.6 | 20 | 1 | PCT-US99-23205-30 | Sequence 30, Appl | C 965 | 13.2 | 4.6 | 20 | 1 | US-10-286-628-28 | Sequence 28, Ap |
| C 893 | 13.2 | 4.6 | 20 | 1 | US-07-593-176B-2 | Sequence 2, Appl | C 966 | 13.2 | 4.6 | 20 | 1 | US-10-289-762-2547 | Sequence 2547, Ap |
| C 894 | 13.2 | 4.6 | 20 | 1 | US-08-034-733B-126 | Sequence 126, Ap | C 967 | 13.2 | 4.6 | 20 | 1 | US-10-300-683-42 | Sequence 42, Ap |
| C 895 | 13.2 | 4.6 | 20 | 1 | US-08-586-594B-20 | Sequence 20, Appl | C 968 | 13.2 | 4.6 | 20 | 1 | US-10-303-566-51 | Sequence 51, Appl |
| C 896 | 13.2 | 4.6 | 20 | 1 | US-08-586-594B-20 | Sequence 20, Appl | C 969 | 13.2 | 4.6 | 20 | 1 | US-10-303-778-970 | Sequence 970, Ap |
| C 897 | 13.2 | 4.6 | 20 | 1 | US-08-599-974B-20 | Sequence 20, Appl | C 970 | 13.2 | 4.6 | 20 | 1 | US-10-303-778-9809 | Sequence 9809, Ap |
| C 898 | 13.2 | 4.6 | 20 | 1 | US-08-599-974C-20 | Sequence 20, Appl | C 971 | 13.2 | 4.6 | 20 | 1 | US-10-304-116-103 | Sequence 103, Ap |
| C 899 | 13.2 | 4.6 | 20 | 1 | US-08-599-974E-20 | Sequence 20, Appl | C 972 | 13.2 | 4.6 | 20 | 1 | US-10-304-116-103 | Sequence 103, Ap |
| C 900 | 13.2 | 4.6 | 20 | 1 | US-08-783-734A-20 | Sequence 20, Appl | C 973 | 13.2 | 4.6 | 20 | 1 | US-10-310-188-36555 | Sequence 36555, A |
| C 901 | 13.2 | 4.6 | 20 | 1 | US-08-783-734D-20 | Sequence 20, Appl | C 974 | 13.2 | 4.6 | 20 | 1 | US-10-310-188-64650 | Sequence 64650, A |
| C 902 | 13.2 | 4.6 | 20 | 1 | US-08-807-138-165 | Sequence 165, Ap | C 975 | 13.2 | 4.6 | 20 | 1 | US-10-310-188-71052 | Sequence 71052, A |
| C 903 | 13.2 | 4.6 | 20 | 1 | US-09-201-228A-3382 | Sequence 3382, Ap | C 976 | 13.2 | 4.6 | 20 | 1 | US-10-349-143-4564 | Sequence 4564, Ap |
| C 904 | 13.2 | 4.6 | 20 | 1 | US-09-339-300-54 | Sequence 54, Appl | C 977 | 13.2 | 4.6 | 20 | 1 | US-10-349-143-5296 | Sequence 5296, Ap |
| C 905 | 13.2 | 4.6 | 20 | 1 | US-09-380-910-31 | Sequence 31, Appl | C 978 | 13.2 | 4.6 | 20 | 1 | US-10-349-143-7138 | Sequence 7138, Ap |
| C 906 | 13.2 | 4.6 | 20 | 1 | US-09-391-631-4880 | Sequence 4880, Ap | C 979 | 13.2 | 4.6 | 20 | 1 | US-10-388-263-494 | Sequence 494, Ap |
| C 907 | 13.2 | 4.6 | 20 | 1 | US-09-452-599-126 | Sequence 126, Ap | C 980 | 13.2 | 4.6 | 20 | 1 | US-10-412-333-5 | Sequence 5, Appl |
| C 908 | 13.2 | 4.6 | 20 | 1 | US-09-481-981-3 | Sequence 3, Appl | C 981 | 13.2 | 4.6 | 20 | 1 | US-10-412-334-5 | Sequence 5, Appl |
| C 909 | 13.2 | 4.6 | 20 | 1 | US-09-514-000-7782 | Sequence 7782, Ap | C 982 | 13.2 | 4.6 | 20 | 1 | US-10-418-251-14 | Sequence 14, Appl |


```

; TITLE OF INVENTION: A METHOD OF DETERMINING TUMOR CHARACTERISTICS BY
; TITLE OF INVENTION: DETERMINING ABNORMAL COPY NUMBER OR EXPRESSION LEVEL OF
; TITLE OF INVENTION: LIPID-ASSOCIATED GENES
; FILE REFERENCE: PATRICK EAGLEMAN: EMBOL-X 252/124
; CURRENT APPLICATION NUMBER: US/09/676,052
; CURRENT FILING DATE: 2000-09-28
; NUMBER OF SEQ ID NOS: 95
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 47
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Miscellaneous
; OTHER INFORMATION: reverse primer
US-09-676-052-47

```

```

Query Match      8.3%; Score 24; DB 1; Length 24;
Best Local Similarity 100.0%; Pred. No. 21;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```
QY      717 GGAGAGTACTGTGTCATAGAC 740
      |||||
DB      24 GGAGAGTACTGTGTCATAGAC 1

```

```

RESULT 3
US-10-646-843-47/c
; Sequence 47, Application US/10646843
; GENERAL INFORMATION:
; APPLICANT: Skinner, Michael K.
; TITLE OF INVENTION: A METHOD OF DETERMINING TUMOR CHARACTERISTICS BY
; TITLE OF INVENTION: DETERMINING ABNORMAL COPY NUMBER OR EXPRESSION LEVEL OF
; FILE REFERENCE: PATRICK EAGLEMAN: EMBOL-X 252/124
; CURRENT APPLICATION NUMBER: US/10/646,843
; CURRENT FILING DATE: 2003-08-25
; PRIOR APPLICATION NUMBER: US/09/676,052
; PRIOR FILING DATE: 2000-09-28
; NUMBER OF SEQ ID NOS: 95
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 47
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Miscellaneous
; OTHER INFORMATION: reverse primer
US-10-646-843-47

```

```

Query Match      8.3%; Score 24; DB 1; Length 24;
Best Local Similarity 100.0%; Pred. No. 21;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```
QY      717 GGAGAGTACTGTGTCATAGAC 740
      |||||
DB      24 GGAGAGTACTGTGTCATAGAC 1

```

```

RESULT 4
US-10-647-426-47/c
; Sequence 47, Application US/10647426
; GENERAL INFORMATION:
; APPLICANT: Skinner, Michael K.
; APPLICANT: Patton, Jodi L.
; TITLE OF INVENTION: A METHOD OF DETERMINING TUMOR CHARACTERISTICS BY
; TITLE OF INVENTION: DETERMINING ABNORMAL COPY NUMBER OR EXPRESSION LEVEL OF
; FILE REFERENCE: PATRICK EAGLEMAN: EMBOL-X 252/124
; CURRENT APPLICATION NUMBER: US/10/647,426
; CURRENT FILING DATE: 2003-08-26
; PRIOR APPLICATION NUMBER: US/09/676,052

```

```

; PRIOR FILING DATE: 2000-09-28
; NUMBER OF SEQ ID NOS: 95
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 47
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Miscellaneous
; OTHER INFORMATION: reverse primer
US-10-647-426-47

```

```

Query Match      8.3%; Score 24; DB 1; Length 24;
Best Local Similarity 100.0%; Pred. No. 21;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```
QY      717 GGAGAGTACTGTGTCATAGAC 740
      |||||
DB      24 GGAGAGTACTGTGTCATAGAC 1

```

```

RESULT 5
US-10-310-188-69898/c
; Sequence 69898, Application US/10310188
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENE
; TITLE OF INVENTION: US95 THERBOF
; FILE REFERENCE: 47487
; CURRENT APPLICATION NUMBER: US/10/310,188
; CURRENT FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 86841
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 69898
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-310-188-69898

```

```

Query Match      7.2%; Score 21; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 48;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```
QY      907 GCGATCAGATTATCATCACC 927
      |||||
DB      21 GCGATCAGATTATCATCACC 1

```

```

RESULT 6
US-60-507-511-202307/c
; Sequence 202307, Application US/60507511
; GENERAL INFORMATION:
; APPLICANT: Wyeich
; APPLICANT: Mounts, William M
; TITLE OF INVENTION: NUCLEIC ACID ARRAYS FOR DETECTING GENE EXPRESSION ASSOCIATED WITH
; FILE REFERENCE: AM 101081
; CURRENT APPLICATION NUMBER: US/60/507,511
; CURRENT FILING DATE: 2003-10-02
; NUMBER OF SEQ ID NOS: 203623
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 202307
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-60-507-511-202307

```

```

Query Match      7.0%; Score 20.2; DB 1; Length 25;
Best Local Similarity 86.0%; Pred. No. 78;
Matches 22; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY      789 TCTGTGCAAGAGCTCTCTCCAA 813
      |||||

```

Db 25 TCTGTGCGAGAGCTTCTCCAA 1

RESULT 7

PCT-US02-34654A-61/c

Sequence 61, Application PC/TUS0234654A

GENERAL INFORMATION:

APPLICANT: C. Frank Bennett

APPLICANT: Jacqueline Wyatt

APPLICANT: Isis Pharmaceuticals, Inc.

TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-DEPENDENT)

TITLE OF INVENTION: EXPRESSION

FILE REFERENCE: RTSP-0427

CURRENT APPLICATION NUMBER: PCT/US02/34654A

CURRENT FILING DATE: 2003-02-28

PRIOR APPLICATION NUMBER: 10/016,149

PRIOR FILING DATE: 2001-11-01

NUMBER OF SEQ ID NOS: 84

SEQ ID NO 61

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide

PCT-US02-34654A-61

Query Match 6.9%; Score 20; DB 1; Length 20;

Best Local Similarity 100.0%; Pred. No. 63;

Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 703 TCCAGCGAGTCCCGAGAG 722

Db 20 TCCAGCGAGTCCCGAGAG 1

RESULT 8

PCT-US02-34654A-62/c

Sequence 62, Application PC/TUS0234654A

GENERAL INFORMATION:

APPLICANT: C. Frank Bennett

APPLICANT: Jacqueline Wyatt

APPLICANT: Isis Pharmaceuticals, Inc.

TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-DEPENDENT)

TITLE OF INVENTION: EXPRESSION

FILE REFERENCE: RTSP-0427

CURRENT APPLICATION NUMBER: PCT/US02/34654A

CURRENT FILING DATE: 2003-02-28

PRIOR APPLICATION NUMBER: 10/016,149

PRIOR FILING DATE: 2001-11-01

NUMBER OF SEQ ID NOS: 84

SEQ ID NO 62

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide

PCT-US02-34654A-62

Query Match 6.9%; Score 20; DB 1; Length 20;

Best Local Similarity 100.0%; Pred. No. 63;

Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 710 AGTCCAGAGAGAGTACTCT 729

Db 20 AGTCCAGAGAGAGTACTCT 1

RESULT 9

PCT-US02-34654A-63/c

Sequence 63, Application PC/TUS0234654A

GENERAL INFORMATION:

APPLICANT: C. Frank Bennett

APPLICANT: Jacqueline Wyatt

APPLICANT: Isis Pharmaceuticals, Inc.

TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-DEPENDENT)

TITLE OF INVENTION: EXPRESSION

FILE REFERENCE: RTSP-0427

CURRENT APPLICATION NUMBER: PCT/US02/34654A

CURRENT FILING DATE: 2003-02-28

PRIOR APPLICATION NUMBER: 10/016,149

PRIOR FILING DATE: 2001-11-01

NUMBER OF SEQ ID NOS: 84

SEQ ID NO 63

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide

PCT-US02-34654A-63

Query Match 6.9%; Score 20; DB 1; Length 20;

Best Local Similarity 100.0%; Pred. No. 63;

Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 728 CTGCTCATGAGCTTGCTAG 747

Db 20 CTGCTCATGAGCTTGCTAG 1

RESULT 10

PCT-US02-34654A-64/c

Sequence 64, Application PC/TUS0234654A

GENERAL INFORMATION:

APPLICANT: C. Frank Bennett

APPLICANT: Jacqueline Wyatt

APPLICANT: Isis Pharmaceuticals, Inc.

TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-DEPENDENT)

TITLE OF INVENTION: EXPRESSION

FILE REFERENCE: RTSP-0427

CURRENT APPLICATION NUMBER: PCT/US02/34654A

CURRENT FILING DATE: 2003-02-28

PRIOR APPLICATION NUMBER: 10/016,149

PRIOR FILING DATE: 2001-11-01

NUMBER OF SEQ ID NOS: 84

SEQ ID NO 64

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide

PCT-US02-34654A-64

Query Match 6.9%; Score 20; DB 1; Length 20;

Best Local Similarity 100.0%; Pred. No. 63;

Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 731 GTCATGAGACTTGCTAGGT 750

Db 20 GTCATGAGACTTGCTAGGT 1

RESULT 11

PCT-US02-34654A-65/c

Sequence 65, Application PC/TUS0234654A

GENERAL INFORMATION:

APPLICANT: C. Frank Bennett

APPLICANT: Jacqueline Wyatt

APPLICANT: Isis Pharmaceuticals, Inc.

TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-DEPENDENT)

TITLE OF INVENTION: EXPRESSION

FILE REFERENCE: RTSP-0427

CURRENT APPLICATION NUMBER: PCT/US02/34654A

CURRENT FILING DATE: 2003-02-28

PRIOR APPLICATION NUMBER: 10/016,149

PRIOR FILING DATE: 2001-11-01

NUMBER OF SEQ ID NOS: 84

SEQ ID NO 65
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
PCT-US02-34654A-65

Query Match 6.9%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 63;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 753 CAGGTCCTAGGCTCCAC 772
DB 20 CAGGTCCTAGGCTCCAC 1

RESULT 12
PCT-US02-34654A-66/c
Sequence 66, Application PC/TUS0234654A
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Jacqueline Wyatt
APPLICANT: Isis Pharmaceuticals, Inc.
TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-DEPENDENT)
FILE REFERENCE: RISP-0427
CURRENT APPLICATION NUMBER: PCT/US02/34654A
CURRENT FILING DATE: 2003-02-28
PRIOR APPLICATION NUMBER: 10/016,149
PRIOR FILING DATE: 2001-11-01
NUMBER OF SEQ ID NOS: 84
SEQ ID NO 66
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
PCT-US02-34654A-66

Query Match 6.9%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 63;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 758 TCCCTAGGCTCCACTTCTG 777
DB 20 TCCCTAGGCTCCACTTCTG 1

RESULT 13
PCT-US02-34654A-67/c
Sequence 67, Application PC/TUS0234654A
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Jacqueline Wyatt
APPLICANT: Isis Pharmaceuticals, Inc.
TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-DEPENDENT)
FILE REFERENCE: RISP-0427
CURRENT APPLICATION NUMBER: PCT/US02/34654A
CURRENT FILING DATE: 2003-02-28
PRIOR APPLICATION NUMBER: 10/016,149
PRIOR FILING DATE: 2001-11-01
NUMBER OF SEQ ID NOS: 84
SEQ ID NO 67
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
PCT-US02-34654A-67

Query Match 6.9%; Score 20; DB 1; Length 20;

Best Local Similarity 100.0%; Pred. No. 63;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 763 AGGCTCCACTTCTGAGGC 782
DB 20 AGGCTCCACTTCTGAGGC 1

RESULT 14
PCT-US02-34654A-68/c
Sequence 68, Application PC/TUS0234654A
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Jacqueline Wyatt
APPLICANT: Isis Pharmaceuticals, Inc.
TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-DEPENDENT)
FILE REFERENCE: RISP-0427
CURRENT APPLICATION NUMBER: PCT/US02/34654A
CURRENT FILING DATE: 2003-02-28
PRIOR APPLICATION NUMBER: 10/016,149
PRIOR FILING DATE: 2001-11-01
NUMBER OF SEQ ID NOS: 84
SEQ ID NO 68
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
PCT-US02-34654A-68

Query Match 6.9%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 63;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 786 CCTCTGTGTCAGAGCTC 805
DB 20 CCTCTGTGTCAGAGCTC 1

RESULT 15
PCT-US02-34654A-69/c
Sequence 69, Application PC/TUS0234654A
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Jacqueline Wyatt
APPLICANT: Isis Pharmaceuticals, Inc.
TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-DEPENDENT)
FILE REFERENCE: RISP-0427
CURRENT APPLICATION NUMBER: PCT/US02/34654A
CURRENT FILING DATE: 2003-02-28
PRIOR APPLICATION NUMBER: 10/016,149
PRIOR FILING DATE: 2001-11-01
NUMBER OF SEQ ID NOS: 84
SEQ ID NO 69
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
PCT-US02-34654A-69

Query Match 6.9%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 63;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 792 GGTGCAAGAGCTCTCTCC 811
DB 20 GGTGCAAGAGCTCTCTCC 1

RESULT 16

```
PCT-US02-34654A-70/c
; Sequence 70, Application PC/TUS0234654A
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacquesline Wyatt
; APPLICANT: Isis Pharmaceuticals, Inc.
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-DEPENDENT)
; FILE REFERENCE: RTSP-0427
; CURRENT APPLICATION NUMBER: PCT/US02/34654A
; CURRENT FILING DATE: 2003-02-28
; PRIOR FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 70
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
PCT-US02-34654A-70

Query Match          6.9%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 63;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      804 TCTCTCTCAACTCAGGCTTG 823
DB      20 TCTCTCTCAACTCAGGCTTG 1

RESULT 17
PCT-US02-34654A-71/c
; Sequence 71, Application PC/TUS0234654A
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacquesline Wyatt
; APPLICANT: Isis Pharmaceuticals, Inc.
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-DEPENDENT)
; FILE REFERENCE: RTSP-0427
; CURRENT APPLICATION NUMBER: PCT/US02/34654A
; CURRENT FILING DATE: 2003-02-28
; PRIOR FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 71
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
PCT-US02-34654A-71

Query Match          6.9%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 63;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      808 CTCCAACTCAGGCTTGCTG 827
DB      20 CTCCAACTCAGGCTTGCTG 1

RESULT 18
PCT-US02-34654A-72/c
; Sequence 72, Application PC/TUS0234654A
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacquesline Wyatt
; APPLICANT: Isis Pharmaceuticals, Inc.
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-DEPENDENT)
; FILE REFERENCE: RTSP-0427
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; CURRENT APPLICATION NUMBER: PCT/US02/34654A
; CURRENT FILING DATE: 2003-02-28
; PRIOR APPLICATION NUMBER: 10/016,149
; PRIOR FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 72
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
PCT-US02-34654A-72

Query Match          6.9%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 63;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      834 TTTCTCTCTGAAGACAGC 853
DB      20 TTTCTCTCTGAAGACAGC 1

RESULT 19
PCT-US02-34654A-73/c
; Sequence 73, Application PC/TUS0234654A
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacquesline Wyatt
; APPLICANT: Isis Pharmaceuticals, Inc.
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-DEPENDENT)
; FILE REFERENCE: RTSP-0427
; CURRENT APPLICATION NUMBER: PCT/US02/34654A
; CURRENT FILING DATE: 2003-02-28
; PRIOR FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 73
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
PCT-US02-34654A-73

Query Match          6.9%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 63;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      837 TCTTCTCTGAAGACAGCTC 856
DB      20 TCTTCTCTGAAGACAGCTC 1

RESULT 20
PCT-US02-34654A-74/c
; Sequence 74, Application PC/TUS0234654A
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacquesline Wyatt
; APPLICANT: Isis Pharmaceuticals, Inc.
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-DEPENDENT)
; FILE REFERENCE: RTSP-0427
; CURRENT APPLICATION NUMBER: PCT/US02/34654A
; CURRENT FILING DATE: 2003-02-28
; PRIOR FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 74
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
```

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FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
PCT-US02-34654A-74

Query Match
Best Local Similarity 100.0%; Pred. No. 63;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 854 GTCTGTGCTCCAGTTGGAAC 873
DB 20 GTCTGTGCTCCAGTTGGAAC 1

RESULT 21
PCT-US02-34654A-75/c
Sequence 75, Application PC/TUS0234654A
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Jacqueline Wyatt
APPLICANT: Isis Pharmaceuticals, Inc.
TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-DEPENDENT
FILE REFERENCE: RISP-0427
CURRENT APPLICATION NUMBER: PCT/US02/34654A
CURRENT FILING DATE: 2003-02-28
PRIOR APPLICATION NUMBER: 10/016,149
PRIOR FILING DATE: 2001-11-01
NUMBER OF SEQ ID NOS: 84
SEQ ID NO 75
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
PCT-US02-34654A-75

Query Match
Best Local Similarity 100.0%; Pred. No. 63;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 861 CTCGAGTGGACACTTTC 880
DB 20 CTCGAGTGGACACTTTC 1

RESULT 22
PCT-US02-34654A-76/c
Sequence 76, Application PC/TUS0234654A
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Jacqueline Wyatt
APPLICANT: Isis Pharmaceuticals, Inc.
TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-DEPENDENT
FILE REFERENCE: RISP-0427
CURRENT APPLICATION NUMBER: PCT/US02/34654A
CURRENT FILING DATE: 2003-02-28
PRIOR APPLICATION NUMBER: 10/016,149
PRIOR FILING DATE: 2001-11-01
NUMBER OF SEQ ID NOS: 84
SEQ ID NO 76
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
PCT-US02-34654A-76

Query Match
Best Local Similarity 100.0%; Pred. No. 63;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 865 AGTTGAACACTTCTCTGAG 884

DB 20 AGTTGAACACTTCTCTGAG 1

RESULT 23
PCT-US02-34654A-77/c
Sequence 77, Application PC/TUS0234654A
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Jacqueline Wyatt
APPLICANT: Isis Pharmaceuticals, Inc.
TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-DEPENDENT
FILE REFERENCE: RISP-0427
CURRENT APPLICATION NUMBER: PCT/US02/34654A
CURRENT FILING DATE: 2003-02-28
PRIOR APPLICATION NUMBER: 10/016,149
PRIOR FILING DATE: 2001-11-01
NUMBER OF SEQ ID NOS: 84
SEQ ID NO 77
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
PCT-US02-34654A-77

Query Match
Best Local Similarity 100.0%; Pred. No. 63;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 871 AACACTTCTGAGATGCAC 890
DB 20 AACACTTCTGAGATGCAC 1

RESULT 24
PCT-US02-34654A-78/c
Sequence 78, Application PC/TUS0234654A
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Jacqueline Wyatt
APPLICANT: Isis Pharmaceuticals, Inc.
TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-DEPENDENT
FILE REFERENCE: RISP-0427
CURRENT APPLICATION NUMBER: PCT/US02/34654A
CURRENT FILING DATE: 2003-02-28
PRIOR APPLICATION NUMBER: 10/016,149
PRIOR FILING DATE: 2001-11-01
NUMBER OF SEQ ID NOS: 84
SEQ ID NO 78
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
PCT-US02-34654A-78

Query Match
Best Local Similarity 100.0%; Pred. No. 63;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 878 TCTGAGATGCACTTACTTC 897
DB 20 TCTGAGATGCACTTACTTC 1

RESULT 25
PCT-US02-34654A-79/c
Sequence 79, Application PC/TUS0234654A
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett

```

; APPLICANT: Jacqueline Wyatt
; APPLICANT: Isis Pharmaceuticals, Inc.
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-DEPENDENT)
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: RTSP-0427
; CURRENT APPLICATION NUMBER: PCT/US02/34654A
; CURRENT FILING DATE: 2003-02-28
; PRIOR APPLICATION NUMBER: 10/016,149
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 79
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
PCT-US02-34654A-79

Query Match          6.9%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 63;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      880 CTGAGATGCACCTTACTTCTC 899
Db      20 CTGAGATGCACCTTACTTCTC 1

RESULT 26
PCT-US02-34654A-80/c
; Sequence 80, Application PC/TUS0234654A
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; APPLICANT: Isis Pharmaceuticals, Inc.
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-DEPENDENT)
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: RTSP-0427
; CURRENT APPLICATION NUMBER: PCT/US02/34654A
; CURRENT FILING DATE: 2003-02-28
; PRIOR APPLICATION NUMBER: 10/016,149
; PRIOR FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 80
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
PCT-US02-34654A-80

Query Match          6.9%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 63;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      884 GATGCACTTACTTCTCAGCT 903
Db      20 GATGCACTTACTTCTCAGCT 1

RESULT 27
PCT-US02-34654A-81/c
; Sequence 81, Application PC/TUS0234654A
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; APPLICANT: Isis Pharmaceuticals, Inc.
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-DEPENDENT)
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: RTSP-0427
; CURRENT APPLICATION NUMBER: PCT/US02/34654A
; CURRENT FILING DATE: 2003-02-28
; PRIOR APPLICATION NUMBER: 10/016,149
; PRIOR FILING DATE: 2001-11-01
```

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; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 81
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
PCT-US02-34654A-81

Query Match          6.9%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 63;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      930 ACCCTCCAGAGATTATTACG 949
Db      20 ACCCTCCAGAGATTATTACG 1

RESULT 28
PCT-US02-34654A-82/c
; Sequence 82, Application PC/TUS0234654A
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; APPLICANT: Isis Pharmaceuticals, Inc.
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-DEPENDENT)
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: RTSP-0427
; CURRENT APPLICATION NUMBER: PCT/US02/34654A
; CURRENT FILING DATE: 2003-02-28
; PRIOR APPLICATION NUMBER: 10/016,149
; PRIOR FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 82
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
PCT-US02-34654A-82

Query Match          6.9%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 63;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      969 TCTCTAATCTGGTGATGG 988
Db      20 TCTCTAATCTGGTGATGG 1

RESULT 29
PCT-US02-34654A-83/c
; Sequence 83, Application PC/TUS0234654A
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; APPLICANT: Isis Pharmaceuticals, Inc.
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-DEPENDENT)
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: RTSP-0427
; CURRENT APPLICATION NUMBER: PCT/US02/34654A
; CURRENT FILING DATE: 2003-02-28
; PRIOR APPLICATION NUMBER: 10/016,149
; PRIOR FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 83
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
PCT-US02-34654A-83
```

Query Match 6.9%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 63;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 973 TAAATCTGTATAGGTAT 992
|||||
DB 20 TAAATCTGTATAGGTAT 1

RESULT 30
US-10-016-149-61/c
Sequence 61, Application US/10016149
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
FILE REFERENCE: RTS-0325
CURRENT APPLICATION NUMBER: US/10/016,149
CURRENT FILING DATE: 2001-11-01
NUMBER OF SEQ ID NOS: 84
SEQ ID NO 61
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-61

Query Match 6.9%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 63;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 703 TCCAGCAGCTCCAGAGAG 722
|||||
DB 20 TCCAGCAGCTCCAGAGAG 1

RESULT 31
US-10-016-149-62/c
Sequence 62, Application US/10016149
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
FILE REFERENCE: RTS-0325
CURRENT APPLICATION NUMBER: US/10/016,149
CURRENT FILING DATE: 2001-11-01
NUMBER OF SEQ ID NOS: 84
SEQ ID NO 62
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-62

Query Match 6.9%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 63;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 710 AGTCCAGAGAGTACTCT 729
|||||
DB 20 AGTCCAGAGAGTACTCT 1

RESULT 32
US-10-016-149-63/c
Sequence 63, Application US/10016149
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
FILE REFERENCE: RTS-0325
CURRENT APPLICATION NUMBER: US/10/016,149
CURRENT FILING DATE: 2001-11-01
NUMBER OF SEQ ID NOS: 84
SEQ ID NO 63
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-63

TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
FILE REFERENCE: RTS-0325
CURRENT APPLICATION NUMBER: US/10/016,149
CURRENT FILING DATE: 2001-11-01
NUMBER OF SEQ ID NOS: 84
SEQ ID NO 63
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-63

Query Match 6.9%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 63;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 728 CTGCTCATAGGACTTGTTAG 747
|||||
DB 20 CTGCTCATAGGACTTGTTAG 1

RESULT 33
US-10-016-149-64/c
Sequence 64, Application US/10016149
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
FILE REFERENCE: RTS-0325
CURRENT APPLICATION NUMBER: US/10/016,149
CURRENT FILING DATE: 2001-11-01
NUMBER OF SEQ ID NOS: 84
SEQ ID NO 64
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-64

Query Match 6.9%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 63;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 731 GTCATAGGACTTGTTAGGT 750
|||||
DB 20 GTCATAGGACTTGTTAGGT 1

RESULT 34
US-10-016-149-65/c
Sequence 65, Application US/10016149
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
FILE REFERENCE: RTS-0325
CURRENT APPLICATION NUMBER: US/10/016,149
CURRENT FILING DATE: 2001-11-01
NUMBER OF SEQ ID NOS: 84
SEQ ID NO 65
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-65

Query Match 6.9%; Score 20; DB 1; Length 20;

Best Local Similarity 100.0%; Pred. No. 63;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 753 CAGGTCCTAGGCTCCAC 772
Db 20 CAGGTCCTAGGCTCCAC 1

RESULT 35
US-10-016-149-66/c
Sequence 66, Application US/10016149
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
FILE REFERENCE: RTS-0325
CURRENT APPLICATION NUMBER: US/10/016,149
CURRENT FILING DATE: 2001-11-01
NUMBER OF SEQ ID NOS: 84
SEQ ID NO 66
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-66

Query Match 6.9%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 63;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 758 TCCTAGGCTCCTCTG 777
Db 20 TCCTAGGCTCCTCTG 1

RESULT 36
US-10-016-149-67/c
Sequence 67, Application US/10016149
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
FILE REFERENCE: RTS-0325
CURRENT APPLICATION NUMBER: US/10/016,149
CURRENT FILING DATE: 2001-11-01
NUMBER OF SEQ ID NOS: 84
SEQ ID NO 67
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-67

Query Match 6.9%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 63;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 763 AGGCTCCACTTCTGAGGC 782
Db 20 AGGCTCCACTTCTGAGGC 1

RESULT 37
US-10-016-149-68/c
Sequence 68, Application US/10016149
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-

TITLE OF INVENTION: DEPENDENT) EXPRESSION
FILE REFERENCE: RTS-0325
CURRENT APPLICATION NUMBER: US/10/016,149
CURRENT FILING DATE: 2001-11-01
NUMBER OF SEQ ID NOS: 84
SEQ ID NO 68
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-68

Query Match 6.9%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 63;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 786 CCTCTGTGTCAGAGCTC 805
Db 20 CCTCTGTGTCAGAGCTC 1

RESULT 38
US-10-016-149-69/c
Sequence 69, Application US/10016149
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
FILE REFERENCE: RTS-0325
CURRENT APPLICATION NUMBER: US/10/016,149
CURRENT FILING DATE: 2001-11-01
NUMBER OF SEQ ID NOS: 84
SEQ ID NO 69
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-69

Query Match 6.9%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 63;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 792 GTGTCAGAGCTCTCTCC 811
Db 20 GTGTCAGAGCTCTCTCC 1

RESULT 39
US-10-016-149-70/c
Sequence 70, Application US/10016149
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
FILE REFERENCE: RTS-0325
CURRENT APPLICATION NUMBER: US/10/016,149
CURRENT FILING DATE: 2001-11-01
NUMBER OF SEQ ID NOS: 84
SEQ ID NO 70
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-70

Query Match 6.9%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 63;

Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 804 TCTCTCCAACTCAGGCTTG 823
Db 20 TCTCTCCAACTCAGGCTTG 1

RESULT 40
US-10-016-149-71/c
; Sequence 71, Application US/10016149
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
; FILE REFERENCE: RTS-0325
; CURRENT APPLICATION NUMBER: US/10/016,149
; CURRENT FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 71
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-71

Query Match 6.9%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 63;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 808 CTCCAACTCAGGCTTGCTG 827
Db 20 CTCCAACTCAGGCTTGCTG 1

RESULT 41
US-10-016-149-72/c
; Sequence 72, Application US/10016149
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
; FILE REFERENCE: RTS-0325
; CURRENT APPLICATION NUMBER: US/10/016,149
; CURRENT FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 72
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-72

Query Match 6.9%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 63;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 834 TTTTCTTCTCTGAAGACAGC 853
Db 20 TTTTCTTCTCTGAAGACAGC 1

RESULT 42
US-10-016-149-73/c
; Sequence 73, Application US/10016149
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
; FILE REFERENCE: RTS-0325
; CURRENT APPLICATION NUMBER: US/10/016,149
; CURRENT FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 73
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-73

Query Match 6.9%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 63;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

FILE REFERENCE: RTS-0325
; CURRENT APPLICATION NUMBER: US/10/016,149
; CURRENT FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 73
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-73

Query Match 6.9%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 63;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 837 TCTTCTCTGAAGACAGCGTC 856
Db 20 TCTTCTCTGAAGACAGCGTC 1

RESULT 43
US-10-016-149-74/c
; Sequence 74, Application US/10016149
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
; FILE REFERENCE: RTS-0325
; CURRENT APPLICATION NUMBER: US/10/016,149
; CURRENT FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 74
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-74

Query Match 6.9%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 63;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 854 GTCCGTGCTCCAGTTGGAC 873
Db 20 GTCCGTGCTCCAGTTGGAC 1

RESULT 44
US-10-016-149-75/c
; Sequence 75, Application US/10016149
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
; FILE REFERENCE: RTS-0325
; CURRENT APPLICATION NUMBER: US/10/016,149
; CURRENT FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 75
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-75

Query Match 6.9%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 63;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 861 CTCACGTTGACACTTCC 880
DB 20 CTCACGTTGACACTTCC 1

RESULT 45

US-10-016-149-76/c
; Sequence 76, Application US/10016149
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
; FILE REFERENCE: RTS-0325
; CURRENT APPLICATION NUMBER: US/10/016,149
; CURRENT FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 76
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-76

Query Match 6.9%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 63;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 865 AGTTGACACTTCTCTGAG 884
DB 20 AGTTGACACTTCTCTGAG 1

RESULT 46

US-10-016-149-77/c
; Sequence 77, Application US/10016149
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
; FILE REFERENCE: RTS-0325
; CURRENT APPLICATION NUMBER: US/10/016,149
; CURRENT FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 77
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-77

Query Match 6.9%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 63;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 871 AACACTTCTGATGCAC 890
DB 20 AACACTTCTGATGCAC 1

RESULT 47

US-10-016-149-78/c
; Sequence 78, Application US/10016149
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
; FILE REFERENCE: RTS-0325
; CURRENT APPLICATION NUMBER: US/10/016,149
; CURRENT FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 78
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-78

Query Match 6.9%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 63;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

; CURRENT APPLICATION NUMBER: US/10/016,149
; CURRENT FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 78
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-78

Query Match 6.9%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 63;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 878 TCTGAGATGCACTTCTC 897
DB 20 TCTGAGATGCACTTCTC 1

RESULT 48

US-10-016-149-79/c
; Sequence 79, Application US/10016149
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
; FILE REFERENCE: RTS-0325
; CURRENT APPLICATION NUMBER: US/10/016,149
; CURRENT FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 79
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-79

Query Match 6.9%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 63;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 880 CTGAGATGCACTTCTC 899
DB 20 CTGAGATGCACTTCTC 1

RESULT 49

US-10-016-149-80/c
; Sequence 80, Application US/10016149
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
; FILE REFERENCE: RTS-0325
; CURRENT APPLICATION NUMBER: US/10/016,149
; CURRENT FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 80
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-80

Query Match 6.9%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 63;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 884 GATGCACTTACTTCGACT 903
DB 20 GATGCACTTACTTCGACT 1

RESULT 50
US-10-016-149-81/c
; Sequence 81, Application US/10016149
; GENERAL INFORMATION:
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
; FILE REFERENCE: RTS-0325
; CURRENT APPLICATION NUMBER: US/10/016,149
; CURRENT FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 81
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-81

Query Match 6.9%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 63;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 930 ACCCTCCAGAGATTTCAG 949
DB 20 ACCCTCCAGAGATTTCAG 1

RESULT 51
US-10-016-149-82/c
; Sequence 82, Application US/10016149
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
; FILE REFERENCE: RTS-0325
; CURRENT APPLICATION NUMBER: US/10/016,149
; CURRENT FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 82
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-82

Query Match 6.9%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 63;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 969 TCTCTAATCTGGTATG 988
DB 20 TCTCTAATCTGGTATG 1

RESULT 52
US-10-016-149-83/c
; Sequence 83, Application US/10016149
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
; FILE REFERENCE: RTS-0325
; CURRENT APPLICATION NUMBER: US/10/016,149

; CURRENT FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 83
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-83

Query Match 6.9%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 63;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 973 TAAATCTGTTATGGTAT 992
DB 20 TAAATCTGTTATGGTAT 1

RESULT 53
US-09-660-222-113924
; Sequence 113924, Application US/09660222
; GENERAL INFORMATION:
; APPLICANT: Miltmann et al.
; TITLE OF INVENTION: Methods of Genetic Analysis of Human
; FILE REFERENCE: 3102.1
; CURRENT APPLICATION NUMBER: US/09/660,222
; CURRENT FILING DATE: 2000-09-12
; PRIOR APPLICATION NUMBER: 60/164,973
; PRIOR FILING DATE: 1999-11-11
; NUMBER OF SEQ ID NOS: 140981
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 113924
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo Sapiens
; PUBLICATION INFORMATION:
; DATABASE ACCESSION NUMBER: GenBank X14675
US-09-660-222-113924

Query Match 6.8%; Score 19.8; DB 1; Length 25;
Best Local Similarity 91.3%; Pred. No. 89;
Matches 21; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 828 TGTCTTTTCTCTGAGAC 850
DB 1 TGTCTTTTCTCTGAGAC 23

RESULT 54
US-09-660-222-113934
; Sequence 113934, Application US/09660222
; GENERAL INFORMATION:
; APPLICANT: Miltmann et al.
; TITLE OF INVENTION: Methods of Genetic Analysis of Human
; FILE REFERENCE: 3102.1
; CURRENT APPLICATION NUMBER: US/09/660,222
; CURRENT FILING DATE: 2000-09-12
; PRIOR APPLICATION NUMBER: 60/164,973
; PRIOR FILING DATE: 1999-11-11
; NUMBER OF SEQ ID NOS: 140981
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 113934
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo Sapiens
; PUBLICATION INFORMATION:
; DATABASE ACCESSION NUMBER: GenBank X14675
US-09-660-222-113934

Query Match 6.8%; Score 19.8; DB 1; Length 25;

Best Local Similarity 91.3%; Pred. No. 89;
Matches 21; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 827 GTGCTCTTTCTTCTCTGAGA 849
DB 3 GTGCTCTTCTCTCTTCAGAGA 25

RESULT 55
US-09-953-115-25460
; Sequence 25460, Application US/09953115
; GENERAL INFORMATION:
; APPLICANT: Miltmann, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Human
; FILE REFERENCE: 311.1
; CURRENT APPLICATION NUMBER: US/09/953,115
; PRIOR FILING DATE: 2001-09-13
; PRIOR APPLICATION NUMBER: 60/232,597
; PRIOR FILING DATE: 2000-09-14
; NUMBER OF SEQ ID NOS: 33029
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 25460
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-09-953-115-25460

Query Match 6.8%; Score 19.8; DB 1; Length 25;
Best Local Similarity 91.3%; Pred. No. 89;
Matches 21; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 828 TGCTCTTTCTTCTCTGAAGAC 850
DB 1 TGCTCTTCTCTTCTTCAGAGAC 23

RESULT 56
US-10-719-956-50928/c
; Sequence 50928, Application US/10719956
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Rat
; FILE REFERENCE: 3527.1
; CURRENT APPLICATION NUMBER: US/10/719,956
; PRIOR FILING DATE: 2003-11-20
; PRIOR APPLICATION NUMBER: 60/427,836
; PRIOR FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 659466
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 50928
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-10-719-956-50928

Query Match 6.8%; Score 19.8; DB 1; Length 25;
Best Local Similarity 91.3%; Pred. No. 89;
Matches 21; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 705 CAGCGAGTCCAGAGAGTGACT 727
DB 24 CAGTGATTCAGAGAGTGACT 2

RESULT 57
US-60-427-836-50928/c
; Sequence 50928, Application US/60427836
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Rat
; FILE REFERENCE: 3527
; CURRENT APPLICATION NUMBER: US/60/427,836

; CURRENT FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 699466
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 50928
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-60-427-836-50928

Query Match 6.8%; Score 19.8; DB 1; Length 25;
Best Local Similarity 91.3%; Pred. No. 89;
Matches 21; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 705 CAGCGAGTCCAGAGAGTGACT 727
DB 24 CAGTGATTCAGAGAGTGACT 2

RESULT 58
US-10-293-338-1692/c
; Sequence 1692, Application US/10293338
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY GENES AND
; FILE REFERENCE: 45282
; CURRENT APPLICATION NUMBER: US/10/293,338
; PRIOR FILING DATE: 2002-11-14
; NUMBER OF SEQ ID NOS: 8785
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 1692
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-293-338-1692

Query Match 6.8%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 82;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 907 GCGATGATTATCATCAC 925
DB 19 GCGATGATTATCATCAC 1

RESULT 59
PCT-US02-34654A-60/c
; Sequence 60, Application PC/TUS0234654A
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-DEPENDENT
; FILE REFERENCE: RSP-0427
; CURRENT APPLICATION NUMBER: PCT/US02/34654A
; PRIOR FILING DATE: 2003-02-28
; PRIOR APPLICATION NUMBER: 10/016,149
; PRIOR FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 60
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
PCT-US02-34654A-60

Query Match 6.8%; Score 19; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 87;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 703 TCAGCGAGTCCAGAGAGA 721

Db 19 TCCAGCGAGTCCAGAGAGA 1

RESULT 60

US-10-016-149-60/C
; Sequence 60, Application US/10016149
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
; FILE REFERENCE: RTS-0325
; CURRENT APPLICATION NUMBER: US/10/016,149
; CURRENT FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-60

Query Match

Best Local Similarity 6.5%; Score 19; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 87;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 703 TCCAGCGAGTCCAGAGAGA 721

Db 19 TCCAGCGAGTCCAGAGAGA 1

RESULT 61

US-09-953-115-25461
; Sequence 25461, Application US/09953115
; GENERAL INFORMATION:
; APPLICANT: Miltmann, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Human
; FILE REFERENCE: 311.1
; CURRENT APPLICATION NUMBER: US/09/953,115
; CURRENT FILING DATE: 2001-09-13
; PRIOR APPLICATION NUMBER: 60/232,597
; PRIOR FILING DATE: 2000-09-14
; NUMBER OF SEQ ID NOS: 33029
; SOFTWARE: PaeSeq for Windows Version 4.0
; SEQ ID NO 25461
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-09-953-115-25461

Query Match

Best Local Similarity 6.5%; Score 18.8; DB 1; Length 25;
Best Local Similarity 90.9%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 827 GTGTCTCTTTCTTCTCTGAAG 848

Db 4 GTGTCTCTTCTCTTCTCAGAG 25

RESULT 62

US-10-355-577-406976/C
; Sequence 406976, Application US/10355577
; GENERAL INFORMATION:
; APPLICANT: Miltmann, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Probes: HG-U133
; FILE REFERENCE: 3121
; CURRENT APPLICATION NUMBER: US/10/355,577
; CURRENT FILING DATE: 2003-01-31
; NUMBER OF SEQ ID NOS: 997516
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1

; SEQ ID NO 406976

; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-355-577-406976

Query Match

Best Local Similarity 6.5%; Score 18.8; DB 1; Length 25;
Best Local Similarity 90.9%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 949 GCAGAGAGCCAAATGACTC 970

Db 23 GCAGAGAGCCAACTGACTC 2

RESULT 63

US-10-355-577-956279/C
; Sequence 956279, Application US/10355577
; GENERAL INFORMATION:
; APPLICANT: Miltmann, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Probes: HG-U133
; FILE REFERENCE: 3121
; CURRENT APPLICATION NUMBER: US/10/355,577
; CURRENT FILING DATE: 2003-01-31
; NUMBER OF SEQ ID NOS: 997516
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 956279
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-355-577-956279

Query Match

Best Local Similarity 6.5%; Score 18.8; DB 1; Length 25;
Best Local Similarity 90.9%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 934 TCCAGAGATTTTACGAGAGA 955

Db 22 TCCGAGATTTTACTCAGAGA 1

RESULT 64

US-10-719-956-111947/C
; Sequence 111947, Application US/10719956
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Rat
; FILE REFERENCE: 3527.1
; CURRENT APPLICATION NUMBER: US/10/719,956
; CURRENT FILING DATE: 2003-11-20
; PRIOR APPLICATION NUMBER: 60/442,836
; PRIOR FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 699466
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 111947
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-10-719-956-111947

Query Match

Best Local Similarity 6.5%; Score 18.8; DB 1; Length 25;
Best Local Similarity 90.9%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 818 GCGTGGGTGTCTCTTCT 839

Db 22 GCGTGGGTGTCTCTTCT 1

RESULT 65

US-60-353-987-406976/C
; Sequence 406976, Application US/60353987
; GENERAL INFORMATION:

```

; APPLICANT: Miltmann, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Probes: HG-U133
; FILE REFERENCE: 3121
; CURRENT APPLICATION NUMBER: US/60/353,987
; CURRENT FILING DATE: 2002-02-01
; NUMBER OF SEQ ID NOS: 997516
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 406976
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-60-353-987-406976

Query Match
Best Local Similarity 6.5%; Score 18.8; DB 1; Length 25;
Best Local Similarity 90.9%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 949 GCGAGAGAGCCCAATTGACTC 970
DB 23 GCGAGAGAGCCCAATTGACTC 2

RESULT 66
US-60-353-987-956279/c
; Sequence 956279, Application US/60353987
; GENERAL INFORMATION:
; APPLICANT: Miltmann, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Probes: HG-U133
; FILE REFERENCE: 3121
; CURRENT APPLICATION NUMBER: US/60/353,987
; CURRENT FILING DATE: 2002-02-01
; NUMBER OF SEQ ID NOS: 997516
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 956279
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-60-353-987-956279

Query Match
Best Local Similarity 6.5%; Score 18.8; DB 1; Length 25;
Best Local Similarity 90.9%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 934 TCCGAGAAATTTACGCAAGAA 955
DB 22 TCCGAGAAATTTACTCAAGAA 1

RESULT 67
US-60-427-836-111947/c
; Sequence 111947, Application US/60427836
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Rat
; FILE REFERENCE: 3527
; CURRENT APPLICATION NUMBER: US/60/427,836
; CURRENT FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 699466
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 111947
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-60-427-836-111947

Query Match
Best Local Similarity 6.5%; Score 18.8; DB 1; Length 25;
Best Local Similarity 90.9%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 818 GGGTGGCTGTGTCTCTTCTTCT 839
DB 22 GGGTGGCTGTGTCTCTTCTTCT 1
```

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RESULT 68
US-09-956-584-267379/c
; Sequence 267379, Application US/09956584
; GENERAL INFORMATION:
; APPLICANT: Miltmann, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Mus Musculus
; FILE REFERENCE: 3115.1
; CURRENT APPLICATION NUMBER: US/09/956,584
; CURRENT FILING DATE: 2001-09-19
; PRIOR APPLICATION NUMBER: 60/234,017
; PRIOR FILING DATE: 2000-09-20
; NUMBER OF SEQ ID NOS: 605887
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 267379
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-09-956-584-267379

Query Match
Best Local Similarity 6.4%; Score 18.6; DB 1; Length 25;
Best Local Similarity 84.0%; Pred. No. 1.3e+02;
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 721 AGTACTCTGTGTCATAGACTTGT 745
DB 25 AGTACTCTGTGTCATAGACTTGT 1

RESULT 69
US-09-956-604-26642/c
; Sequence 26642, Application US/09956604
; GENERAL INFORMATION:
; APPLICANT: Miltmann, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Escherichia coli
; FILE REFERENCE: 3117.1
; CURRENT APPLICATION NUMBER: US/09/956,604
; CURRENT FILING DATE: 2001-09-19
; PRIOR APPLICATION NUMBER: 60/234,049
; PRIOR FILING DATE: 2000-09-19
; NUMBER OF SEQ ID NOS: 141629
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 26642
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Escherichia coli
US-09-956-604-26642

Query Match
Best Local Similarity 6.4%; Score 18.6; DB 1; Length 25;
Best Local Similarity 84.0%; Pred. No. 1.3e+02;
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 960 CAATGACTCTCTTAATCTGGTGT 984
DB 25 CAATGACTCTCTTAATCTGGTGT 1

RESULT 70
US-09-956-604A-26642/c
; Sequence 26642, Application US/09956604A
; GENERAL INFORMATION:
; APPLICANT: Miltmann, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Escherichia coli
; FILE REFERENCE: 3117.1
; CURRENT APPLICATION NUMBER: US/09/956,604A
; CURRENT FILING DATE: 2001-09-19
; PRIOR APPLICATION NUMBER: 60/234,049
; PRIOR FILING DATE: 2000-09-19
; NUMBER OF SEQ ID NOS: 141629
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 26642
; LENGTH: 25
; TYPE: DNA
```

ORGANISM: Escherichia coli
US-09-956-604A-26642

Query Match 6.4%; Score 18.6; DB 1; Length 25;
Best Local Similarity 84.0%; Pred. No. 1.3e+02;
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 960 CAATTGACTCTCTTAATCTGTGT 984
DB 25 CAATTAACTCTCTTAATCTCTTAT 1

RESULT 71
US-09-956-604B-26642/C
Sequence 26642, Application US/09956604B
GENERAL INFORMATION:
APPLICANT: Miltmann, Michael
TITLE OF INVENTION: Methods of Genetic Analysis of Escherichia coli
FILE REFERENCE: 3117.1
CURRENT APPLICATION NUMBER: US/09/956,604B
CURRENT FILING DATE: 2001-09-19
PRIOR APPLICATION NUMBER: 60/234,049
PRIOR FILING DATE: 2000-09-19
NUMBER OF SEQ ID NOS: 141629
SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
SEQ ID NO 26642
LENGTH: 25
TYPE: DNA
ORGANISM: Escherichia coli
US-09-956-604B-26642

Query Match 6.4%; Score 18.6; DB 1; Length 25;
Best Local Similarity 84.0%; Pred. No. 1.3e+02;
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 960 CAATTGACTCTCTTAATCTGTGT 984
DB 25 CAATTAACTCTCTTAATCTCTTAT 1

RESULT 72
US-60-234-017-310868/C
Sequence 310868, Application US/60234017
GENERAL INFORMATION:
APPLICANT: Miltmann, M.
TITLE OF INVENTION: Methods of Genetic Analysis of Mus
FILE REFERENCE: 3115
CURRENT APPLICATION NUMBER: US/60/234,017
CURRENT FILING DATE: 2000-09-20
NUMBER OF SEQ ID NOS: 605887
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 310868
LENGTH: 25
TYPE: DNA
ORGANISM: Mus musculus
PUBLICATION INFORMATION:
DATABASE ACCESSION NUMBER: GenBank AW060734
US-60-234-017-310868

Query Match 6.4%; Score 18.6; DB 1; Length 25;
Best Local Similarity 84.0%; Pred. No. 1.3e+02;
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 721 AGTACTGTGTCATAGACTGGT 745
DB 25 AGTACTGTAGTCATGGACTTGAT 1

RESULT 73
US-60-234-049-59957/C
Sequence 59957, Application US/60234049

GENERAL INFORMATION:
APPLICANT: Miltmann, Michael
APPLICANT: Affymetrix, Inc.
TITLE OF INVENTION: Methods of Genetic Analysis of Escherichia coli
FILE REFERENCE: 3117
CURRENT APPLICATION NUMBER: US/60/234,049
CURRENT FILING DATE: 2000-09-19
NUMBER OF SEQ ID NOS: 141629
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 59957
LENGTH: 25
TYPE: DNA
ORGANISM: Escherichia coli
PUBLICATION INFORMATION:
DATABASE ACCESSION NUMBER: GenBank U00096
US-60-234-049-59957

Query Match 6.4%; Score 18.6; DB 1; Length 25;
Best Local Similarity 84.0%; Pred. No. 1.3e+02;
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 960 CAATTGACTCTCTTAATCTGTGT 984
DB 25 CAATTAACTCTCTTAATCTCTTAT 1

RESULT 74
US-09-956-604-26643/C
Sequence 26643, Application US/09956604
GENERAL INFORMATION:
APPLICANT: Miltmann, Michael
TITLE OF INVENTION: Methods of Genetic Analysis of Escherichia coli
FILE REFERENCE: 3117.1
CURRENT APPLICATION NUMBER: US/09/956,604
CURRENT FILING DATE: 2001-09-19
PRIOR APPLICATION NUMBER: 60/234,049
PRIOR FILING DATE: 2000-09-19
NUMBER OF SEQ ID NOS: 141628
SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
SEQ ID NO 26643
LENGTH: 25
TYPE: DNA
ORGANISM: Escherichia coli
US-09-956-604-26643

Query Match 6.3%; Score 18.4; DB 1; Length 25;
Best Local Similarity 95.0%; Pred. No. 1.4e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 960 CAATTGACTCTCTTAATCT 979
DB 24 CAATTAACTCTCTTAATCT 5

RESULT 75
US-09-956-604-26644/C
Sequence 26644, Application US/09956604
GENERAL INFORMATION:
APPLICANT: Miltmann, Michael
TITLE OF INVENTION: Methods of Genetic Analysis of Escherichia coli
FILE REFERENCE: 3117.1
CURRENT APPLICATION NUMBER: US/09/956,604
CURRENT FILING DATE: 2001-09-19
PRIOR APPLICATION NUMBER: 60/234,049
PRIOR FILING DATE: 2000-09-19
NUMBER OF SEQ ID NOS: 141628
SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
SEQ ID NO 26644
LENGTH: 25
TYPE: DNA
ORGANISM: Escherichia coli
US-09-956-604-26644

Query Match 6.3%; Score 18.4; DB 1; Length 25;
Best Local Similarity 95.0%; Pred. No. 1.4e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 960 CAATTGACTCTCTAAATCT 979
Db 23 CAATTAACTCTCTAAATCT 4

RESULT 76

US-09-956-604A-26643/C
; Sequence 26643, Application US/09956604A
; GENERAL INFORMATION:
; APPLICANT: Miltmann, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Escherichia coli
; FILE REFERENCE: 3117.1
; CURRENT APPLICATION NUMBER: US/09/956,604A
; CURRENT FILING DATE: 2001-09-19
; PRIOR FILING DATE: 2000-09-19
; NUMBER OF SEQ ID NOS: 141629
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 26643
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Escherichia coli
US-09-956-604A-26643

Query Match 6.3%; Score 18.4; DB 1; Length 25;
Best Local Similarity 95.0%; Pred. No. 1.4e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 960 CAATTGACTCTCTAAATCT 979
Db 24 CAATTAACTCTCTAAATCT 5

RESULT 77

US-09-956-604A-26644/C
; Sequence 26644, Application US/09956604A
; GENERAL INFORMATION:
; APPLICANT: Miltmann, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Escherichia coli
; FILE REFERENCE: 3117.1
; CURRENT APPLICATION NUMBER: US/09/956,604A
; CURRENT FILING DATE: 2001-09-19
; PRIOR FILING DATE: 2000-09-19
; NUMBER OF SEQ ID NOS: 141629
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 26644
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Escherichia coli
US-09-956-604A-26644

Query Match 6.3%; Score 18.4; DB 1; Length 25;
Best Local Similarity 95.0%; Pred. No. 1.4e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 960 CAATTGACTCTCTAAATCT 979
Db 23 CAATTAACTCTCTAAATCT 4

RESULT 78

US-09-956-604B-26643/C
; Sequence 26643, Application US/09956604B
; GENERAL INFORMATION:
; APPLICANT: Miltmann, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Escherichia coli
; FILE REFERENCE: 3117.1

CURRENT APPLICATION NUMBER: US/09/956,604B
; CURRENT FILING DATE: 2001-09-19
; PRIOR APPLICATION NUMBER: 60/234,049
; PRIOR FILING DATE: 2000-09-19
; NUMBER OF SEQ ID NOS: 141629
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 26643
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Escherichia coli
US-09-956-604B-26643

Query Match 6.3%; Score 18.4; DB 1; Length 25;
Best Local Similarity 95.0%; Pred. No. 1.4e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 960 CAATTGACTCTCTAAATCT 979
Db 24 CAATTAACTCTCTAAATCT 5

RESULT 79

US-09-956-604B-26644/C
; Sequence 26644, Application US/09956604B
; GENERAL INFORMATION:
; APPLICANT: Miltmann, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Escherichia coli
; FILE REFERENCE: 3117.1
; CURRENT APPLICATION NUMBER: US/09/956,604B
; CURRENT FILING DATE: 2001-09-19
; PRIOR APPLICATION NUMBER: 60/234,049
; PRIOR FILING DATE: 2000-09-19
; NUMBER OF SEQ ID NOS: 141629
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 26644
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Escherichia coli
US-09-956-604B-26644

Query Match 6.3%; Score 18.4; DB 1; Length 25;
Best Local Similarity 95.0%; Pred. No. 1.4e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 960 CAATTGACTCTCTAAATCT 979
Db 23 CAATTAACTCTCTAAATCT 4

RESULT 80

US-60-234-049-59930/C
; Sequence 59930, Application US/60234049
; GENERAL INFORMATION:
; APPLICANT: Miltmann, Michael
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis of Escherichia coli
; FILE REFERENCE: 3117
; CURRENT APPLICATION NUMBER: US/60/234,049
; CURRENT FILING DATE: 2000-09-19
; NUMBER OF SEQ ID NOS: 141629
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 59930
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Escherichia coli
; PUBLICATION INFORMATION:
; DATABASE ACCESSION NUMBER: GenBank U00096
US-60-234-049-59930

Query Match 6.3%; Score 18.4; DB 1; Length 25;
Best Local Similarity 95.0%; Pred. No. 1.4e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

;; TYPE: DNA
;; ORGANISM: Mus musculus
US-10-719-900-279275

Query Match 6.3%; Score 18.2; DB 1; Length 25;
Best Local Similarity 87.0%; Pred. No. 1.5e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 862 TCCAGTTGGAACACTTCTCTGAG 884
DB 3 TCCAGCTGTACATTCTCTGAG 25

RESULT 86
US-10-719-956-50925/c
; Sequence 50925, Application US/10719956
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Rat
; FILE REFERENCE: 3527.1
; CURRENT APPLICATION NUMBER: US/10/719,956
; CURRENT FILING DATE: 2003-11-20
; PRIOR APPLICATION NUMBER: 60/427,836
; NUMBER OF SEQ ID NOS: 699466
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 50925
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-10-719-956-50925

Query Match 6.3%; Score 18.2; DB 1; Length 25;
Best Local Similarity 87.0%; Pred. No. 1.5e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 705 CAGCGAGTCCCGAGAGTGACT 727
DB 24 CAGTGATTCCTCGAGAGTGACT 2

RESULT 87
US-60-233-620-33405
; Sequence 33405, Application US/60233620
; GENERAL INFORMATION:
; APPLICANT: Miltmann
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis of
; FILE REFERENCE: 3116
; CURRENT APPLICATION NUMBER: US/60/233,620
; CURRENT FILING DATE: 2000-10-24
; NUMBER OF SEQ ID NOS: 131820
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 33405
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Arabidopsis thaliana
; PUBLICATION INFORMATION:
; DATABASE ACCESSION NUMBER: GenBank AF007270
US-60-233-620-33405

Query Match 6.3%; Score 18.2; DB 1; Length 25;
Best Local Similarity 87.0%; Pred. No. 1.5e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 891 TTACTTCTGAGCTTCTGACATCA 913
DB 1 TCATCTCAGCTTCTGACACCA 23

RESULT 88
US-60-234-017-475401/c

; Sequence 475401, Application US/60234017
; GENERAL INFORMATION:
; APPLICANT: Miltmann, M
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis of Mus
; FILE REFERENCE: 3115
; CURRENT APPLICATION NUMBER: US/60/234,017
; CURRENT FILING DATE: 2000-09-20
; NUMBER OF SEQ ID NOS: 605887
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 475401
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
; PUBLICATION INFORMATION:
; DATABASE ACCESSION NUMBER: GenBank AI507346
US-60-234-017-475401

Query Match 6.3%; Score 18.2; DB 1; Length 25;
Best Local Similarity 87.0%; Pred. No. 1.5e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 955 AGAGCCCAATTGACTCTCTTAAT 977
DB 24 AGAGCCCAATTGACTCTCTTAAT 2

RESULT 89
US-60-427-808-279275
; Sequence 279275, Application US/60427808
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; FILE REFERENCE: 3528
; CURRENT APPLICATION NUMBER: US/60/427,808
; CURRENT FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 982914
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 279275
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-60-427-808-279275

Query Match 6.3%; Score 18.2; DB 1; Length 25;
Best Local Similarity 87.0%; Pred. No. 1.5e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 862 TCCAGTTGGAACACTTCTCTGAG 884
DB 3 TCCAGCTGTACATTCTCTGAG 25

RESULT 90
US-60-427-836-50925/c
; Sequence 50925, Application US/60427836
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Rat
; FILE REFERENCE: 3527
; CURRENT APPLICATION NUMBER: US/60/427,836
; CURRENT FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 699466
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 50925
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-60-427-836-50925

Query Match 6.3%; Score 18.2; DB 1; Length 25;
Best Local Similarity 87.0%; Pred. No. 1.5e+02;

Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 705 CAGCGAGTCCCGAGGAGTGACT 727
| | | | | | | | | | | | | | | | | | | | | |
Db 24 CAGTGATTCCTCGAGAGTGACT 2

RESULT 91
US-60-507-481-108287/c
; Sequence 108287, Application US/60507481
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Mounts, William M
; TITLE OF INVENTION: NUCLEIC ACID ARRAYS FOR DETECTING GENE EXPRESSION IN ANIMAL
; TITLE OF INVENTION: MODELS OF INFLAMMATORY DISEASES
; FILE REFERENCES: AM101084
; CURRENT APPLICATION NUMBER: US/60/507,481
; CURRENT FILING DATE: 2003-10-02
; NUMBER OF SEQ ID NOS: 210107
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 108287
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Canis familiaris
US-60-507-481-108287

Query Match 6.3%; Score 18.2; DB 1; Length 25;
Best Local Similarity 87.0%; Pred. No. 1.5e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 793 GTGCCAAGAGCTCTCCTCCCACT 815
| | | | | | | | | | | | | | | | | | | | | |
Db 25 GAGCCATGAGCTCTCCTCCACCT 3

RESULT 92
US-60-507-511-104423/c
; Sequence 104423, Application US/60507511
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Mounts, William M
; TITLE OF INVENTION: NUCLEIC ACID ARRAYS FOR DETECTING GENE EXPRESSION ASSOCIATED WITH
; TITLE OF INVENTION: HUMAN OSTEOARTHRITIS AND HUMAN PROTEASES
; FILE REFERENCES: AM 101081
; CURRENT APPLICATION NUMBER: US/60/507,511
; CURRENT FILING DATE: 2003-10-02
; NUMBER OF SEQ ID NOS: 203623
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 104423
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-60-507-511-104423

Query Match 6.3%; Score 18.2; DB 1; Length 25;
Best Local Similarity 87.0%; Pred. No. 1.5e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 793 GTGCCAAGAGCTCTCCTCCCACT 815
| | | | | | | | | | | | | | | | | | | | | |
Db 25 GAGCCACGAGCTCTCCTCCACCT 3

RESULT 93
US-10-719-900-256056
; Sequence 256056, Application US/10719900
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; FILE REFERENCE: 3528.1
; CURRENT APPLICATION NUMBER: US/10/719,900
; CURRENT FILING DATE: 2003-11-20
; PRIOR APPLICATION NUMBER: 60/427,808

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RESULT 96
US-09-864-636A-1964/c
; Sequence 1964, Application US/09854636A
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Allwai, Hatim
; APPLICANT: Bartholomay, Christian
; APPLICANT: Chehak, LuAnne
; TITLE OF INVENTION: Detection of RNA Sequences
; FILE REFERENCE: FORS-04944
; CURRENT APPLICATION NUMBER: US/09/864,636A
; CURRENT FILING DATE: 2002-10-15
; NUMBER OF SEQ ID NOS: 2640
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 1964
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-864-636A-1964

Query Match      6.1%; Score 17.8; DB 1; Length 25;
Best Local Similarity 90.5%; Pred. NO. 1.7e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 919 TCATCACCACCCCTCCAGA 939
DB 23 TCTTCACCACCATCTCCAGA 3

RESULT 97
US-09-954-427A-355918
; Sequence 355918, Application US/09954427A
; GENERAL INFORMATION:
; APPLICANT: Michael Mittmann
; TITLE OF INVENTION: Methods of Genetic Analysis of the Rat Genome
; FILE REFERENCE: 3112.1
; CURRENT APPLICATION NUMBER: US/09/954,427A
; CURRENT FILING DATE: 2001-09-17
; PRIOR APPLICATION NUMBER: 60/233,166
; PRIOR FILING DATE: 2000-09-18
; NUMBER OF SEQ ID NOS: 420907
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 355918
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus Norvegicus
US-09-954-427A-355918

Query Match      6.1%; Score 17.8; DB 1; Length 25;
Best Local Similarity 90.5%; Pred. NO. 1.7e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 784 GCCCCTCTGGTGCCACAGCT 804
DB 3 GCCCCTCTGGTGCCACAGCT 23

RESULT 98
US-09-956-584-307865
; Sequence 307865, Application US/09956584
; GENERAL INFORMATION:
; APPLICANT: Mittman, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Mus Musculus
; FILE REFERENCE: 3115.1
; CURRENT APPLICATION NUMBER: US/09/956,584
; CURRENT FILING DATE: 2001-09-19
; PRIOR APPLICATION NUMBER: 60/234,017
; PRIOR FILING DATE: 2000-09-20
; NUMBER OF SEQ ID NOS: 605887

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; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 307865
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-09-956-584-307865

Query Match      6.1%; Score 17.8; DB 1; Length 25;
Best Local Similarity 90.5%; Pred. NO. 1.7e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 832 TCTTTCTCTCTGGAAGACAG 852
DB 2 TATTTCATCTCTGAAGACAG 22

RESULT 99
US-10-084-839-1964/c
; Sequence 1964, Application US/10084839
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Allwai, Hatim
; APPLICANT: Argue, Brad T.
; APPLICANT: Bartholomay, Christian T.
; APPLICANT: Chehak, LuAnne
; APPLICANT: Curtis, Michelle L.
; APPLICANT: Bis, Peggy S.
; APPLICANT: Hall, Jeff G.
; APPLICANT: Ip, Hon S.
; APPLICANT: Ji, Lin
; APPLICANT: Kaiser, Michael
; APPLICANT: Kwiatkowski, Jr., Robert W.
; APPLICANT: Lukowiak, Andrew A.
; APPLICANT: Lyamichev, Victor
; APPLICANT: Lymaicheva, Natalie E.
; APPLICANT: Ma, Wupo
; APPLICANT: Neri, Bruce P.
; APPLICANT: Olson, Sarah M.
; APPLICANT: Olson-Munoz, Marilyn C.
; APPLICANT: Schaefer, James J.
; APPLICANT: Skrzypczynski, Zbigniew
; APPLICANT: Takova, Tssetska Y.
; APPLICANT: Thompson, Lisa C.
; APPLICANT: Vedvik, Kevin L.
; TITLE OF INVENTION: RNA Detection Assays
; FILE REFERENCE: FORS-06666
; CURRENT APPLICATION NUMBER: US/10/084,839
; CURRENT FILING DATE: 2002-02-26
; NUMBER OF SEQ ID NOS: 4004
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 1964
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-084-839-1964

Query Match      6.1%; Score 17.8; DB 1; Length 25;
Best Local Similarity 90.5%; Pred. NO. 1.7e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 919 TCATCACCACCCCTCCAGA 939
DB 23 TCTTCACCACCATCTCCAGA 3

RESULT 100
US-10-719-956-81522/c
; Sequence 81522, Application US/10719956
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Rat

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; FILE REFERENCE: 3527.1
; CURRENT APPLICATION NUMBER: US/10/719,956
; CURRENT FILING DATE: 2003-11-20
; PRIOR APPLICATION NUMBER: 60/427,836
; PRIOR FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 699466
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 81522
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-10-719-956-81522

Query Match          6.1%; Score 17.8; DB 1; Length 25;
Best Local Similarity 90.5%; Pred. No. 1.7e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 795 GCCAAGAGCTCTCTCCAACT 815
Db 23 GCCAAGAGCACTCTCCAAAT 3

RESULT 101
US-10-719-956-182597/c
; Sequence 182597, Application US/10719956
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Rat
; FILE REFERENCE: 3527.1
; CURRENT APPLICATION NUMBER: US/10/719,956
; CURRENT FILING DATE: 2003-11-20
; PRIOR APPLICATION NUMBER: 60/427,836
; PRIOR FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 699466
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 182597
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-10-719-956-182597

Query Match          6.1%; Score 17.8; DB 1; Length 25;
Best Local Similarity 90.5%; Pred. No. 1.7e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 910 ATCAGATTATCATCACCACCA 930
Db 25 AGCAGATGATCATCACCACCA 5

RESULT 102
US-60-234-017-315041
; Sequence 315041, Application US/60234017
; GENERAL INFORMATION:
; APPLICANT: Mittmann, M
; TITLE OF INVENTION: Methods of Genetic Analysis of Mus
; FILE REFERENCE: 3115
; CURRENT APPLICATION NUMBER: US/60/234,017
; CURRENT FILING DATE: 2000-09-20
; NUMBER OF SEQ ID NOS: 605887
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 315041
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
; PUBLICATION INFORMATION:
; DATABASE ACCESSION NUMBER: GenBank AW122062
US-60-234-017-315041

Query Match          6.1%; Score 17.8; DB 1; Length 25;
Best Local Similarity 90.5%; Pred. No. 1.7e+02;
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Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 832 TCTTTCTTCTCTGAAGACAG 852
Db 2 TATTTTCATCTCTGAAGACAG 22

RESULT 103
US-60-427-836-81522/c
; Sequence 81522, Application US/60427836
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Rat
; FILE REFERENCE: 3527
; CURRENT APPLICATION NUMBER: US/60/427,836
; CURRENT FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 699466
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 81522
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-60-427-836-81522

Query Match          6.1%; Score 17.8; DB 1; Length 25;
Best Local Similarity 90.5%; Pred. No. 1.7e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 795 GCCAAGAGCTCTCTCCAACT 815
Db 23 GCCAAGAGCACTCTCCAAAT 3

RESULT 104
US-60-427-836-182597/c
; Sequence 182597, Application US/60427836
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Rat
; FILE REFERENCE: 3527
; CURRENT APPLICATION NUMBER: US/60/427,836
; CURRENT FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 699466
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 182597
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-60-427-836-182597

Query Match          6.1%; Score 17.8; DB 1; Length 25;
Best Local Similarity 90.5%; Pred. No. 1.7e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 910 ATCAGATTATCATCACCACCA 930
Db 25 AGCAGATGATCATCACCACCA 5

RESULT 105
US-09-660-222-113916
; Sequence 113916, Application US/09660222
; GENERAL INFORMATION:
; APPLICANT: Mittmann et al.
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis of Human
; FILE REFERENCE: 3102.1
; CURRENT APPLICATION NUMBER: US/09/660,222
; CURRENT FILING DATE: 2000-09-12
; PRIOR APPLICATION NUMBER: 60/164,973
; PRIOR FILING DATE: 1999-11-11
; NUMBER OF SEQ ID NOS: 140981
; SOFTWARE: FastSEQ for Windows Version 4.0
```

```
; SEQ ID NO 113916
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo Sapiens
; PUBLICATION INFORMATION:
; DATABASE ACCESSION NUMBER: GenBank X14675
US-09-660-222-113916

Query Match
Best Local Similarity 6.1%; Score 17.6; DB 1; Length 25;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 831 CTCCTTCTCTCTCTGAAGACGCG 854
| | | | | | | | | | | | | | | | | | | | | | | | |
Db 1 CTCCTTCTCTCTCTGAAGACGCG 24

RESULT 106
US-09-953-115-25459
; Sequence 25459, Application US/09953115
; GENERAL INFORMATION:
; APPLICANT: Mittmann, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Human
; FILE REFERENCE: 3112.1
; CURRENT APPLICATION NUMBER: US/09/953,115
; CURRENT FILING DATE: 2001-09-13
; PRIOR APPLICATION NUMBER: 60/232,597
; PRIOR FILING DATE: 2000-09-14
; NUMBER OF SEQ ID NOS: 33029
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 25459
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-09-953-115-25459

Query Match
Best Local Similarity 6.1%; Score 17.6; DB 1; Length 25;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 831 CTCCTTCTCTCTCTGAAGACGCG 854
| | | | | | | | | | | | | | | | | | | | | | | | |
Db 1 CTCCTTCTCTCTCTGAAGACGCG 24

RESULT 107
US-09-954-427A-111839
; Sequence 111839, Application US/09954427A
; GENERAL INFORMATION:
; APPLICANT: Mittmann, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of the Rat Genome
; FILE REFERENCE: 3112.1
; CURRENT APPLICATION NUMBER: US/09/954,427A
; CURRENT FILING DATE: 2001-09-17
; PRIOR APPLICATION NUMBER: 60/233,166
; PRIOR FILING DATE: 2000-09-18
; NUMBER OF SEQ ID NOS: 420907
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 111839
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus Norvegicus
US-09-954-427A-111839

Query Match
Best Local Similarity 6.1%; Score 17.6; DB 1; Length 25;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 719 AGAGTGACTCTGGTCATAGGACTT 742
| | | | | | | | | | | | | | | | | | | | | | | | |
Db 2 AGAGATCTCTCTGGTCATAGGACTT 25

RESULT 108
US-09-954-427A-258951
; Sequence 258951, Application US/09954427A
; GENERAL INFORMATION:
; APPLICANT: Michael Mittmann
; TITLE OF INVENTION: Methods of Genetic Analysis of the Rat Genome
; FILE REFERENCE: 3112.1
; CURRENT APPLICATION NUMBER: US/09/954,427A
; CURRENT FILING DATE: 2001-09-17
; PRIOR APPLICATION NUMBER: 60/233,166
; PRIOR FILING DATE: 2000-09-18
; NUMBER OF SEQ ID NOS: 420907
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 258951
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus Norvegicus
US-09-954-427A-258951

Query Match
Best Local Similarity 6.1%; Score 17.6; DB 1; Length 25;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 782 CAGCCCTCTCTGTCGACGAGCTC 805
| | | | | | | | | | | | | | | | | | | | | | | | |
Db 1 CAGCCCTCTCTGTCGACGAGCTC 24

RESULT 109
US-09-956-584-208835
; Sequence 208835, Application US/09956584
; GENERAL INFORMATION:
; APPLICANT: Mittman, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Mus Musculus
; FILE REFERENCE: 3115.1
; CURRENT APPLICATION NUMBER: US/09/956,584
; CURRENT FILING DATE: 2001-09-19
; PRIOR APPLICATION NUMBER: 60/234,017
; PRIOR FILING DATE: 2000-09-20
; NUMBER OF SEQ ID NOS: 605887
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 208835
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-09-956-584-208835

Query Match
Best Local Similarity 6.1%; Score 17.6; DB 1; Length 25;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 831 CTCCTTCTCTCTCTGAAGACGCG 854
| | | | | | | | | | | | | | | | | | | | | | | | |
Db 2 CTCCTTCTCTCTCTGAAGACGCG 25

RESULT 110
US-10-098-263B-24812
; Sequence 24812, Application US/10098263B
; GENERAL INFORMATION:
; APPLICANT: Mittman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; CURRENT FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 24812
; LENGTH: 25
; TYPE: DNA
```

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; ORGANISM: Homo sapien
US-10-098-263B-24812

Query Match          6.1%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 1.8e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 829 GTCCTTTCTCTCTCTGAAGACAG 852
      ||||| ||||| ||||| ||||| |||||
Db 2 GTCCTATTCTCTCTCTGAAGACCG 25

RESULT 111
US-10-098-263B-83917
; Sequence 83917, Application US/10098263B
; GENERAL INFORMATION:
; APPLICANT: Mittman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; CURRENT FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 83917
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-83917

Query Match          6.1%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 1.8e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 831 CTCCTTTCTCTCTCTGAAGACGCG 854
      ||||| ||||| ||||| ||||| |||||
Db 1 CTCCTCTCTCTCTCTGAAGACCTCG 24

RESULT 112
US-10-355-577-51223
; Sequence 51223, Application US/10355577
; GENERAL INFORMATION:
; APPLICANT: Mittmann, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Probes: HG-U133
; FILE REFERENCE: 3121
; CURRENT APPLICATION NUMBER: US/10/355,577
; CURRENT FILING DATE: 2003-01-31
; NUMBER OF SEQ ID NOS: 997516
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 51223
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-355-577-51223

Query Match          6.1%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 1.8e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 725 ACTCGGTCATAGGACTTGGTAGG 748
      ||||| ||||| ||||| ||||| |||||
Db 2 AGTCAGGTCAGAGGAATTGGTAGG 25

RESULT 113
US-10-681-773-123968
; Sequence 123968, Application US/10681773
; GENERAL INFORMATION:
; APPLICANT: Matsuzaki, Hajime
; APPLICANT: Mei, Rui
; APPLICANT: Shen, Mei-Mei

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; APPLICANT: Kennedy, Giulia
; TITLE OF INVENTION: Methods for Genotyping Polymorphisms in Humans
; FILE REFERENCE: 3522.2
; CURRENT APPLICATION NUMBER: US/10/681,773
; CURRENT FILING DATE: 2003-10-07
; PRIOR APPLICATION NUMBER: 60/470,475
; PRIOR FILING DATE: 2002-05-14
; PRIOR APPLICATION NUMBER: 60/417,190
; PRIOR FILING DATE: 2002-10-08
; NUMBER OF SEQ ID NOS: 124031
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 123968
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-681-773-123968

Query Match          6.1%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 1.8e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 958 GCCAAATTCACCTCTCTAAATCTCG 981
      ||||| ||||| ||||| ||||| |||||
Db 2 GCCAAATTCCTCTCTTCAACTGG 25

RESULT 114
US-10-719-956-136754
; Sequence 136754, Application US/10719956
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Rat
; FILE REFERENCE: 3527.1
; CURRENT APPLICATION NUMBER: US/10/719,956
; CURRENT FILING DATE: 2003-11-20
; PRIOR APPLICATION NUMBER: 60/427,836
; PRIOR FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 699466
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 136754
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-10-719-956-136754

Query Match          6.1%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 1.8e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 824 GCTGTGTCCTCTTTCTCTCTGAA 847
      ||||| ||||| ||||| ||||| |||||
Db 2 GCTGTGTCATTCTCTCTGTGAA 25

RESULT 115
US-60-234-017-201954
; Sequence 201954, Application US/60234017
; GENERAL INFORMATION:
; APPLICANT: Mittmann, M
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis of Mus
; TITLE OF INVENTION: musculus
; FILE REFERENCE: 3115
; CURRENT APPLICATION NUMBER: US/60/234,017
; CURRENT FILING DATE: 2000-09-20
; NUMBER OF SEQ ID NOS: 605887
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 201954
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
; PUBLICATION INFORMATION:
; DATABASE ACCESSION NUMBER: GenBank AA839576

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US-60-234-017-201954
Query Match          6.1%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 1.8e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 831 CTCCTTTCTCTCTGAAGACAGG 854
|||||
Db 2 CTCGTGCTCTCACTAAGACAGG 25

RESULT 116
US-60-353-987-51223
; Sequence 51223, Application US/60353987
; GENERAL INFORMATION:
; APPLICANT: Mittmann, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Probes: HG-U133
; FILE REFERENCE: 3121
; CURRENT APPLICATION NUMBER: US/60/353,987
; CURRENT FILING DATE: 2002-02-01
; NUMBER OF SEQ ID NOS: 997516
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 51223
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-60-353-987-51223

Query Match          6.1%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 1.8e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 725 ACTCTGGTCATAGGACTTGGTAGG 748
|||||
Db 2 AGTCAGGTCAGGAATTGGTAGG 25

RESULT 117
US-60-427-836-136754
; Sequence 136754, Application US/60427836
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Rat
; FILE REFERENCE: 3527
; CURRENT APPLICATION NUMBER: US/60/427,836
; CURRENT FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 699466
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 136754
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-60-427-836-136754

Query Match          6.1%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 1.8e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 824 GCTGTGCTCTCTTTCTCTCTGAA 847
|||||
Db 2 GCTGTGCTCTATTCTCTGTGAA 25

RESULT 118
US-60-470-475-123968
; Sequence 123968, Application US/60470475
; GENERAL INFORMATION:
; APPLICANT: Matsuzaki, Hajime
; APPLICANT: Shen, Mei-Mei
; APPLICANT: Kennedy, Giulia
; TITLE OF INVENTION: Methods for Genotyping Polymorphisms in Humans
; FILE REFERENCE: 3522.1
; CURRENT APPLICATION NUMBER: US/60/470,475

; CURRENT FILING DATE: 2003-05-14
; PRIOR APPLICATION NUMBER: 60/417,190
; NUMBER OF SEQ ID NOS: 124031
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 123968
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-60-470-475-123968

Query Match          6.1%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 1.8e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 958 GCCAAATTGACTCTCTAAATCTGG 981
|||||
Db 2 GCCAAATTGCTCTCTCTCACTGG 25

RESULT 119
US-60-507-511-114831/c
; Sequence 114831, Application US/60507511
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Mounts, William M
; TITLE OF INVENTION: NUCLEIC ACID ARRAYS FOR DETECTING GENE EXPRESSION ASSOCIATED WITH
; FILE REFERENCE: AM 101081
; CURRENT APPLICATION NUMBER: US/60/507,511
; CURRENT FILING DATE: 2003-10-02
; NUMBER OF SEQ ID NOS: 203623
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 114831
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-60-507-511-114831

Query Match          6.1%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 1.8e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 947 ACGCAAGAAGAGCCAAATGACTC 970
|||||
Db 24 ACCCAAGATCAGCCAAATGGCTC 1

RESULT 120
US-09-953-115A-17404
; Sequence 17404, Application US/09953115A
; GENERAL INFORMATION:
; APPLICANT: Mittmann, Michael
; TITLE OF INVENTION: Methods of Analysis of Human Genes
; FILE REFERENCE: 3111.1
; CURRENT APPLICATION NUMBER: US/09/953,115A
; CURRENT FILING DATE: 2001-09-13
; PRIOR APPLICATION NUMBER: 60/232,597
; PRIOR FILING DATE: 2000-09-14
; NUMBER OF SEQ ID NOS: 33029
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 17404
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-09-953-115A-17404

Query Match          6.0%; Score 17.4; DB 1; Length 25;
Best Local Similarity 94.7%; Pred. No. 1.9e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 784 GCCCCTCTGGTGCCCAAGAG 802
|||||
```


; GENERAL INFORMATION:
 ; APPLICANT: Mittmann, Michael
 ; TITLE OF INVENTION: Methods of Genetic Analysis of Escherichia coli
 ; FILE REFERENCE: 3117.1
 ; CURRENT APPLICATION NUMBER: US/09/956,604B
 ; CURRENT FILING DATE: 2001-09-19
 ; PRIOR FILING DATE: 2000-09-19
 ; NUMBER OF SEQ ID NOS: 141629
 ; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
 ; SEQ ID NO 26645
 ; LENGTH: 25
 ; TYPE: DNA
 ; ORGANISM: Escherichia coli
 ; ORGANISM: Mus musculus
 US-09-956-604B-26645

Query Match 6.0%; Score 17.4; DB 1; Length 25;
 Best Local Similarity 94.7%; Pred. No. 1.9e+02;
 Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 960 CAAATGACTCTCTAAATC 978
 DB 19 CAAATTAAGTCTCTAAATC 1

RESULT 127
 US-10-719-900-32123/c
 ; Sequence 32123, Application US/10719900
 ; GENERAL INFORMATION:
 ; APPLICANT: Xue Mei Zhou
 ; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
 ; FILE REFERENCE: 3528.1
 ; CURRENT APPLICATION NUMBER: US/10/719,900
 ; CURRENT FILING DATE: 2003-11-20
 ; PRIOR FILING DATE: 2002-11-20
 ; NUMBER OF SEQ ID NOS: 982914
 ; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
 ; SEQ ID NO 32123
 ; LENGTH: 25
 ; TYPE: DNA
 ; ORGANISM: Mus musculus
 US-10-719-900-32123

Query Match 6.0%; Score 17.4; DB 1; Length 25;
 Best Local Similarity 94.7%; Pred. No. 1.9e+02;
 Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 964 TTGACTCTCTAAATCTGCT 982
 DB 20 TTGACTCTCAAAATCTGCT 2

RESULT 128
 US-10-719-900-314076
 ; Sequence 314076, Application US/10719900
 ; GENERAL INFORMATION:
 ; APPLICANT: Xue Mei Zhou
 ; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
 ; FILE REFERENCE: 3528.1
 ; CURRENT APPLICATION NUMBER: US/10/719,900
 ; CURRENT FILING DATE: 2003-11-20
 ; PRIOR FILING DATE: 2002-11-20
 ; NUMBER OF SEQ ID NOS: 982914
 ; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
 ; SEQ ID NO 314076
 ; LENGTH: 25
 ; TYPE: DNA
 ; ORGANISM: Mus musculus
 US-10-719-900-314076

Query Match 6.0%; Score 17.4; DB 1; Length 25;

Best Local Similarity 94.7%; Pred. No. 1.9e+02;
 Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
 QY 784 GCCCTCTGTGGCCCAAGAG 802
 DB 7 GCCCGTCTGTGGCCCAAGAG 25

RESULT 129
 US-10-719-956-362600
 ; Sequence 362600, Application US/10719956
 ; GENERAL INFORMATION:
 ; APPLICANT: Xue Mei Zhou
 ; TITLE OF INVENTION: Methods of Genetic Analysis of Rat
 ; FILE REFERENCE: 3527.1
 ; CURRENT APPLICATION NUMBER: US/10/719,956
 ; CURRENT FILING DATE: 2003-11-20
 ; PRIOR FILING DATE: 2002-11-20
 ; NUMBER OF SEQ ID NOS: 699466
 ; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
 ; SEQ ID NO 362600
 ; LENGTH: 25
 ; TYPE: DNA
 ; ORGANISM: Rattus norvegicus
 US-10-719-956-362600

Query Match 6.0%; Score 17.4; DB 1; Length 25;
 Best Local Similarity 94.7%; Pred. No. 1.9e+02;
 Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 726 CTCTGTGTCATAGACTTGG 744
 DB 5 CTCTGTGTCATAGAACTGG 23

RESULT 130
 US-60-234-017-218373
 ; Sequence 218373, Application US/60234017
 ; GENERAL INFORMATION:
 ; APPLICANT: Mittmann, M
 ; TITLE OF INVENTION: Methods of Genetic Analysis of Mus
 ; FILE REFERENCE: 3115
 ; CURRENT APPLICATION NUMBER: US/60/234,017
 ; CURRENT FILING DATE: 2000-09-20
 ; NUMBER OF SEQ ID NOS: 605887
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 218373
 ; LENGTH: 25
 ; TYPE: DNA
 ; ORGANISM: Mus musculus
 ; PUBLICATION INFORMATION:
 ; DATABASE ACCESSION NUMBER: GenBank AI838052
 US-60-234-017-218373

Query Match 6.0%; Score 17.4; DB 1; Length 25;
 Best Local Similarity 94.7%; Pred. No. 1.9e+02;
 Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 826 TGTGTCTCTTTTCTCTCTCT 844
 DB 2 TGTGTCTCTCTCTCTCTCT 20

RESULT 131
 US-60-234-017-315044
 ; Sequence 315044, Application US/60234017
 ; GENERAL INFORMATION:
 ; APPLICANT: Mittmann, M
 ; APPLICANT: Affymetrix, Inc.
 ; TITLE OF INVENTION: Methods of Genetic Analysis of Mus

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; TITLE OF INVENTION: musculus
; FILE REFERENCE: 3115
; CURRENT APPLICATION NUMBER: US/60/234,017
; CURRENT FILING DATE: 2000-09-20
; NUMBER OF SEQ ID NOS: 605887
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 315044
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
; PUBLICATION INFORMATION:
; DATABASE ACCESSION NUMBER: GenBank AM122062
US-60-234-017-315044

Query Match          6.0%; Score 17.4; DB 1; Length 25;
Best Local Similarity 94.7%; Pred. No. 1.9e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 834 TTTTCTCTCTGAGACAG 852
Db 1 TTTTCATCTCTGAAGACAG 19

RESULT 132
US-60-234-049-59953/c
; Sequence 59953, Application US/60234049
; GENERAL INFORMATION:
; APPLICANT: Mittmann, Michael
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis of
; TITLE OF INVENTION: Escherichia coli
; FILE REFERENCE: 3117
; CURRENT APPLICATION NUMBER: US/60/234,049
; CURRENT FILING DATE: 2000-09-19
; NUMBER OF SEQ ID NOS: 141629
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 59953
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Escherichia coli
; PUBLICATION INFORMATION:
; DATABASE ACCESSION NUMBER: GenBank U00096
US-60-234-049-59953

Query Match          6.0%; Score 17.4; DB 1; Length 25;
Best Local Similarity 94.7%; Pred. No. 1.9e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 960 CAAATTGACTCTCTAAATC 978
Db 19 CAAATTAACTCTCTAAATC 1

RESULT 133
US-60-427-808-32123/c
; Sequence 32123, Application US/60427808
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; FILE REFERENCE: 3528
; CURRENT APPLICATION NUMBER: US/60/427,808
; CURRENT FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 982914
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 32123
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
; PUBLICATION INFORMATION:
US-60-427-808-32123

Query Match          6.0%; Score 17.4; DB 1; Length 25;
Best Local Similarity 94.7%; Pred. No. 1.9e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
Qy 964 TTGACTCTCTAAATCTGGT 982
Db 20 TTGACTCTCAAAATCTGGT 2

RESULT 134
US-60-427-808-314076
; Sequence 314076, Application US/60427808
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; FILE REFERENCE: 3528
; CURRENT APPLICATION NUMBER: US/60/427,808
; CURRENT FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 982914
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 314076
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
; PUBLICATION INFORMATION:
US-60-427-808-314076

Query Match          6.0%; Score 17.4; DB 1; Length 25;
Best Local Similarity 94.7%; Pred. No. 1.9e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
Qy 784 GCCCTCTCTGTCGCCAAGAG 802
Db 7 GCCCGTCTGTCGCCAAGAG 25

RESULT 135
US-60-427-836-362600
; Sequence 362600, Application US/60427836
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Rat
; FILE REFERENCE: 3527
; CURRENT APPLICATION NUMBER: US/60/427,836
; CURRENT FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 699466
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 362600
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus norvegicus
; PUBLICATION INFORMATION:
US-60-427-836-362600

Query Match          6.0%; Score 17.4; DB 1; Length 25;
Best Local Similarity 94.7%; Pred. No. 1.9e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
Qy 726 CTCTGCTCATAGCACTTGG 744
Db 5 CTCTGCTCATAGCACTTGG 23

RESULT 136
US-09-396-126176/c
; Sequence 126176, Application US/09396196F
; GENERAL INFORMATION:
; APPLICANT: Michael Mittmann
; APPLICANT: David Mack
; APPLICANT: David Lockhart
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis
; FILE REFERENCE: 3101.1
; CURRENT APPLICATION NUMBER: US/09/396,196F
; CURRENT FILING DATE: 2001-09-15
; PRIOR APPLICATION NUMBER: 60/100,678
; PRIOR FILING DATE: 1998-09-17
; NUMBER OF SEQ ID NOS: 127806
```

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; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 126176
; LENGTH: 25
; TYPE: DNA
; ORGANISM: mus musculus
US-09-396-196F-126176

Query Match          5.9%; Score 17.2; DB 1; Length 25;
Best Local Similarity 86.4%; Pred. No. 2.1e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      800 GAGCTCTCTCCAACTCAGGCT 821
DB      24 GAGGCTACTCCATCTCAGGCT 3

RESULT 137
US-09-396-196G-126176/c
; Sequence 126176, Application US/09396196G
; GENERAL INFORMATION:
; APPLICANT: Michael Mitmann
; APPLICANT: David Mack
; APPLICANT: David Lockhart
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis
; FILE REFERENCE: 3101.1
; CURRENT APPLICATION NUMBER: US/09/396,196G
; CURRENT FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: 60/100,678
; PRIOR FILING DATE: 1998-09-17
; NUMBER OF SEQ ID NOS: 127806
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 126176
; LENGTH: 25
; TYPE: DNA
; ORGANISM: mus musculus
US-09-396-196G-126176

Query Match          5.9%; Score 17.2; DB 1; Length 25;
Best Local Similarity 86.4%; Pred. No. 2.1e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      800 GAGCTCTCTCCAACTCAGGCT 821
DB      24 GAGGCTACTCCATCTCAGGCT 3

RESULT 138
US-09-660-222-131593/c
; Sequence 131593, Application US/09660222
; GENERAL INFORMATION:
; APPLICANT: Mitmann et al.
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis of Human
; FILE REFERENCE: 3102.1
; CURRENT APPLICATION NUMBER: US/09/660,222
; CURRENT FILING DATE: 2000-09-12
; PRIOR APPLICATION NUMBER: 60/164,973
; PRIOR FILING DATE: 1999-11-11
; NUMBER OF SEQ ID NOS: 140981
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 131593
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo Sapiens
; PUBLICATION INFORMATION:
; DATABASE ACCESSION NUMBER: GenBank X97249
US-09-660-222-131593

Query Match          5.9%; Score 17.2; DB 1; Length 25;
Best Local Similarity 86.4%; Pred. No. 2.1e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      800 GAGCTCTCTCCAACTCAGGCT 821
DB      24 GAGGCTACTCCATCTCAGGCT 3

RESULT 139
US-09-954-427-58004/c
; Sequence 58004, Application US/09954427
; GENERAL INFORMATION:
; APPLICANT: Mitmann
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis of the Rat
; FILE REFERENCE: 3112
; CURRENT APPLICATION NUMBER: US/09/954,427
; CURRENT FILING DATE: 2001-09-17
; NUMBER OF SEQ ID NOS: 420907
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 58004
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus norvegicus
; PUBLICATION INFORMATION:
; DATABASE ACCESSION NUMBER: GenBank AA819129
US-09-954-427-58004

Query Match          5.9%; Score 17.2; DB 1; Length 25;
Best Local Similarity 86.4%; Pred. No. 2.1e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      714 CCAGGAGAGTGACTCTGGTCAT 735
DB      23 CTAGGAGAGTCACCTCTGGTCGT 2

RESULT 140
US-09-954-427A-326146/c
; Sequence 326146, Application US/09954427A
; GENERAL INFORMATION:
; APPLICANT: Michael Mitmann
; TITLE OF INVENTION: Methods of Genetic Analysis of the Rat Genome
; FILE REFERENCE: 3112.1
; CURRENT APPLICATION NUMBER: US/09/954,427A
; CURRENT FILING DATE: 2001-09-17
; PRIOR APPLICATION NUMBER: 60/233,166
; PRIOR FILING DATE: 2000-09-18
; NUMBER OF SEQ ID NOS: 420907
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 326146
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus Norvegicus
US-09-954-427A-326146

Query Match          5.9%; Score 17.2; DB 1; Length 25;
Best Local Similarity 86.4%; Pred. No. 2.1e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      892 TACTTCTCAGCTTCTCGCATCA 913
DB      22 TACTTCTCAGCTTCTTGGACCA 1

RESULT 141
US-09-954-445A-118073
; Sequence 118073, Application US/09954445A
; GENERAL INFORMATION:
; APPLICANT: Mitmann, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Arabidopsis Thaliana
; FILE REFERENCE: 3116.1
; CURRENT APPLICATION NUMBER: US/09/954,445A
; CURRENT FILING DATE: 2000-09-17
; PRIOR APPLICATION NUMBER: 60/233,620

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; PRIOR FILING DATE: 2000-09-18
; NUMBER OF SEQ ID NOS: 131820
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 118073
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Arabidopsis thaliana
US-09-954-445A-118073

Query Match      5.9%; Score 17.2; DB 1; Length 25;
Best Local Similarity 86.4%; Pred. No. 2.1e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 900 AGCTTCTGCGATCAGATTATCA 921
    ||| ||||| ||||| |||||
Db 3 AGCATCTGCGATCAGTTATCA 24

RESULT 142
US-09-956-584-209165
; Sequence 209165, Application US/09956584
; GENERAL INFORMATION:
; APPLICANT: Mittman, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Mus Musculus
; FILE REFERENCE: 3115.1
; CURRENT APPLICATION NUMBER: US/09/956,584
; CURRENT FILING DATE: 2001-09-19
; PRIOR APPLICATION NUMBER: 60/234,017
; PRIOR FILING DATE: 2000-09-20
; NUMBER OF SEQ ID NOS: 605887
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 209165
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-09-956-584-209165

Query Match      5.9%; Score 17.2; DB 1; Length 25;
Best Local Similarity 86.4%; Pred. No. 2.1e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 733 CATAGGACTTGGTAGGTGCCA 754
    ||||| ||||| ||||| |||||
Db 2 CATAGGACCTGGTAGGTACCA 23

RESULT 143
US-09-956-584-254995
; Sequence 254995, Application US/09956584
; GENERAL INFORMATION:
; APPLICANT: Mittman, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Mus Musculus
; FILE REFERENCE: 3115.1
; CURRENT APPLICATION NUMBER: US/09/956,584
; CURRENT FILING DATE: 2001-09-19
; PRIOR APPLICATION NUMBER: 60/234,017
; PRIOR FILING DATE: 2000-09-20
; NUMBER OF SEQ ID NOS: 605887
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 254995
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-09-956-584-254995

Query Match      5.9%; Score 17.2; DB 1; Length 25;
Best Local Similarity 86.4%; Pred. No. 2.1e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 822 TGGCTGTGCTCTCTTCTCTC 843
    ||| ||||| ||||| |||||
Db 4 TTGGTGTGCTCTCTCTCTCTC 25

; PRIOR FILING DATE: 2000-09-18
; NUMBER OF SEQ ID NOS: 131820
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 118073
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Arabidopsis thaliana
US-09-954-445A-118073

Query Match      5.9%; Score 17.2; DB 1; Length 25;
Best Local Similarity 86.4%; Pred. No. 2.1e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 900 AGCTTCTGCGATCAGATTATCA 921
    ||| ||||| ||||| |||||
Db 3 AGCATCTGCGATCAGTTATCA 24

RESULT 144
US-10-355-577-390030
; Sequence 390030, Application US/10355577
; GENERAL INFORMATION:
; APPLICANT: Mittmann, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Probes: HG-U133
; FILE REFERENCE: 3121
; CURRENT APPLICATION NUMBER: US/10/355,577
; CURRENT FILING DATE: 2003-01-31
; NUMBER OF SEQ ID NOS: 997516
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 390030
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-355-577-390030

Query Match      5.9%; Score 17.2; DB 1; Length 25;
Best Local Similarity 86.4%; Pred. No. 2.1e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 886 TGCACCTTACTTCTCAGCTTCTG 907
    ||||| ||||| ||||| |||||
Db 4 TGCACCTTAATCTGAGCTTCAG 25

RESULT 145
US-10-355-577-406975/c
; Sequence 406975, Application US/10355577
; GENERAL INFORMATION:
; APPLICANT: Mittmann, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Probes: HG-U133
; FILE REFERENCE: 3121
; CURRENT APPLICATION NUMBER: US/10/355,577
; CURRENT FILING DATE: 2003-01-31
; NUMBER OF SEQ ID NOS: 997516
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 406975
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-355-577-406975

Query Match      5.9%; Score 17.2; DB 1; Length 25;
Best Local Similarity 86.4%; Pred. No. 2.1e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 949 GCAAGAAGAGCCAAATGACTC 970
    ||||| ||||| ||||| |||||
Db 23 GCGAGAAGAGGCACATTCATC 2

RESULT 146
US-10-355-577-881753/c
; Sequence 881753, Application US/10355577
; GENERAL INFORMATION:
; APPLICANT: Mittmann, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Probes: HG-U133
; FILE REFERENCE: 3121
; CURRENT APPLICATION NUMBER: US/10/355,577
; CURRENT FILING DATE: 2003-01-31
; NUMBER OF SEQ ID NOS: 997516
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 881753
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-355-577-881753

Query Match      5.9%; Score 17.2; DB 1; Length 25;
Best Local Similarity 86.4%; Pred. No. 2.1e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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```
QY 745 TAGGTCCTCCAGGTCCTCCTAGGC 766
Db 23 TAGGTCCTCAGGTCCTCTTGGC 2

RESULT 147
US-10-355-577-956280/c
; Sequence 956280, Application US/10355577
; GENERAL INFORMATION:
; APPLICANT: Mittmann, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Probes: HG-U133
; FILE REFERENCE: 3121
; CURRENT APPLICATION NUMBER: US/10/355,577
; CURRENT FILING DATE: 2003-01-31
; NUMBER OF SEQ ID NOS: 997516
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 956280
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-355-577-956280

Query Match 5.9%; Score 17.2; DB 1; Length 25;
Best Local Similarity 86.4%; Pred. No. 2.1e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 934 TCCAGAGAAATTTACGCAAGAA 955
Db 22 TCCGAGAAATTTACTCAAGAA 1

RESULT 148
US-10-719-900-290021
; Sequence 290021, Application US/10719900
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; FILE REFERENCE: 3528.1
; CURRENT APPLICATION NUMBER: US/10/719,900
; CURRENT FILING DATE: 2003-11-20
; PRIOR APPLICATION NUMBER: 60/427,808
; PRIOR FILING DATE: 2002 11 20
; NUMBER OF SEQ ID NOS: 982914
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 290021
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-10-719-900-290021

Query Match 5.9%; Score 17.2; DB 1; Length 25;
Best Local Similarity 86.4%; Pred. No. 2.1e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 789 TCTGTGTCACAGAGCTCTCTCC 810
Db 2 TTTGTGCTAAGAGCTCTCCCC 23

RESULT 149
US-10-719-900-781255
; Sequence 781255, Application US/10719900
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; FILE REFERENCE: 3528.1
; CURRENT APPLICATION NUMBER: US/10/719,900
; CURRENT FILING DATE: 2003-11-20
; PRIOR APPLICATION NUMBER: 60/427,808
; PRIOR FILING DATE: 2002 11 20
; NUMBER OF SEQ ID NOS: 982914
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 781255
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-10-719-900-781255

Query Match 5.9%; Score 17.2; DB 1; Length 25;
Best Local Similarity 86.4%; Pred. No. 2.1e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 858 TGGCTCCAGTTGGAACACTTTC 879
Db 4 TGGCTCCAGTTGGAACCCCTTGC 25

RESULT 150
US-10-719-900-875312/c
; Sequence 875312, Application US/10719900
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; FILE REFERENCE: 3528.1
; CURRENT APPLICATION NUMBER: US/10/719,900
; CURRENT FILING DATE: 2003-11-20
; PRIOR APPLICATION NUMBER: 60/427,808
; PRIOR FILING DATE: 2002 11 20
; NUMBER OF SEQ ID NOS: 982914
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 875312
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-10-719-900-875312

Query Match 5.9%; Score 17.2; DB 1; Length 25;
Best Local Similarity 86.4%; Pred. No. 2.1e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 713 CCCAGGAGAGTGACTCTGGTCA 734
Db 25 CCCAGGAGAGTGAGTCCGACA 4

RESULT 151
US-10-719-900-893721/c
; Sequence 893721, Application US/10719900
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; FILE REFERENCE: 3528.1
; CURRENT APPLICATION NUMBER: US/10/719,900
; CURRENT FILING DATE: 2003-11-20
; PRIOR APPLICATION NUMBER: 60/427,808
; PRIOR FILING DATE: 2002 11 20
; NUMBER OF SEQ ID NOS: 982914
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 893721
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-10-719-900-893721

Query Match 5.9%; Score 17.2; DB 1; Length 25;
Best Local Similarity 86.4%; Pred. No. 2.1e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 892 TACTTCTCAGCTTCTCGCATCA 913
Db 22 TACTTCTCAGCTTCTTGGACCA 1

RESULT 152
US-10-719-900-914089
```

; Sequence 914089, Application US/10719900
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; FILE REFERENCE: 3528.1
; CURRENT APPLICATION NUMBER: US/10/719,900
; PRIOR FILING DATE: 2003-11-20
; PRIOR APPLICATION NUMBER: 60/427,808
; PRIOR FILING DATE: 2002 11 20
; NUMBER OF SEQ ID NOS: 982914
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 914089
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-10-719-900-914089

Query Match 5.9%; Score 17.2; DB 1; Length 25;
Best Local Similarity 86.4%; Pred. No. 2.1e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 820 GTTGGCTGTGCTCTTTCTTC 841
Db 2 GTTGTCTGCTCTCTTTCTTC 23

RESULT 153
US-10-719-900-962339
; Sequence 962339, Application US/10719900
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; FILE REFERENCE: 3528.1
; CURRENT APPLICATION NUMBER: US/10/719,900
; PRIOR FILING DATE: 2003-11-20
; PRIOR APPLICATION NUMBER: 60/427,808
; PRIOR FILING DATE: 2002 11 20
; NUMBER OF SEQ ID NOS: 982914
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 962339
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-10-719-900-962339

Query Match 5.9%; Score 17.2; DB 1; Length 25;
Best Local Similarity 86.4%; Pred. No. 2.1e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 876 TTTCCTGAGAGCACTTACTTC 897
Db 4 TTTCCTGATGCACTTCTTC 25

RESULT 154
US-10-719-956-111948/c
; Sequence 111948, Application US/10719956
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Rat
; FILE REFERENCE: 3527.1
; CURRENT APPLICATION NUMBER: US/10/719,956
; PRIOR FILING DATE: 2003-11-20
; PRIOR APPLICATION NUMBER: 60/427,836
; PRIOR FILING DATE: 2002 11 20
; NUMBER OF SEQ ID NOS: 699466
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 111948
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-10-719-956-111948

Query Match 5.9%; Score 17.2; DB 1; Length 25;
Best Local Similarity 86.4%; Pred. No. 2.1e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 818 GGGTTGGCTGTCTCTTTCT 839
Db 22 GGGTGGGCTCTCTCTCTCTCT 1

RESULT 155
US-10-719-956-214722
; Sequence 214722, Application US/10719956
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Rat
; FILE REFERENCE: 3527.1
; CURRENT APPLICATION NUMBER: US/10/719,956
; PRIOR FILING DATE: 2003-11-20
; PRIOR APPLICATION NUMBER: 60/427,836
; PRIOR FILING DATE: 2002 11 20
; NUMBER OF SEQ ID NOS: 699466
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 214722
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-10-719-956-214722

Query Match 5.9%; Score 17.2; DB 1; Length 25;
Best Local Similarity 86.4%; Pred. No. 2.1e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 789 TCTGGTCCCAAGAGCTCTCTC 810
Db 2 TTTGGTCTAAGAGCTCTCCCC 23

RESULT 156
US-10-719-956-322629
; Sequence 322629, Application US/10719956
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Rat
; FILE REFERENCE: 3527.1
; CURRENT APPLICATION NUMBER: US/10/719,956
; PRIOR FILING DATE: 2003-11-20
; PRIOR APPLICATION NUMBER: 60/427,836
; PRIOR FILING DATE: 2002 11 20
; NUMBER OF SEQ ID NOS: 699466
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 322629
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-10-719-956-322629

Query Match 5.9%; Score 17.2; DB 1; Length 25;
Best Local Similarity 86.4%; Pred. No. 2.1e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 726 CTCTGTCATAGACTTGTGTAG 747
Db 4 CTCAGGTCACTTTCAGCTGTGTAG 25

RESULT 157
US-10-719-956-390476
; Sequence 390476, Application US/10719956
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Rat
; FILE REFERENCE: 3527.1
; CURRENT APPLICATION NUMBER: US/10/719,956

; CURRENT FILING DATE: 2003-11-20
; PRIOR APPLICATION NUMBER: 60/427,836
; PRIOR FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 699466
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 390476
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-10-719-958-390476

Query Match 5.9%; Score 17.2; DB 1; Length 25;
Best Local Similarity 86.4%; Pred. No. 2.1e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 925 CCACCACCTCCAGAGATTTT 946
DB 2 CCACAGCCCTCATAGATTTT 23

RESULT 158
US-60-233-166-58004/c
; Sequence 58004, Application US/60233166
; GENERAL INFORMATION:
; APPLICANT: Mittmann
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis of the Rat
; TITLE OF INVENTION: Genome
; FILE REFERENCE: 3112
; CURRENT APPLICATION NUMBER: US/60/233,166
; CURRENT FILING DATE: 2000-10-24
; NUMBER OF SEQ ID NOS: 420907
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 58004
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus norvegicus
; PUBLICATION INFORMATION:
; DATABASE ACCESSION NUMBER: GenBank AA819129
US-60-233-166-58004

Query Match 5.9%; Score 17.2; DB 1; Length 25;
Best Local Similarity 86.4%; Pred. No. 2.1e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 714 CCAGGAGTGACTCTGGTCAT 735
DB 23 CTAGGAGAGTCACTCTGGTCGT 2

RESULT 159
US-60-233-620-118073
; Sequence 118073, Application US/60233620
; GENERAL INFORMATION:
; APPLICANT: Mittmann
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis of
; TITLE OF INVENTION: Arabidopsis thaliana
; FILE REFERENCE: 3116
; CURRENT APPLICATION NUMBER: US/60/233,620
; CURRENT FILING DATE: 2000-10-24
; NUMBER OF SEQ ID NOS: 131820
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 118073
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Arabidopsis thaliana
; PUBLICATION INFORMATION:
; DATABASE ACCESSION NUMBER: GenBank AL096882
US-60-233-620-118073

Query Match 5.9%; Score 17.2; DB 1; Length 25;
Best Local Similarity 86.4%; Pred. No. 2.1e+02;

Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 900 AGCTTCGCGATCAGATTATCA 921
DB 3 AGCATCTGCGATCAGTTTCATCA 24

RESULT 160
US-60-234-017-218369
; Sequence 218369, Application US/60234017
; GENERAL INFORMATION:
; APPLICANT: Mittmann, M
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis of Mus
; TITLE OF INVENTION: musculus
; FILE REFERENCE: 3115
; CURRENT APPLICATION NUMBER: US/60/234,017
; CURRENT FILING DATE: 2000-09-20
; NUMBER OF SEQ ID NOS: 605887
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 218369
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
; PUBLICATION INFORMATION:
; DATABASE ACCESSION NUMBER: GenBank AI838052
US-60-234-017-218369

Query Match 5.9%; Score 17.2; DB 1; Length 25;
Best Local Similarity 86.4%; Pred. No. 2.1e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 822 TGGCTGTGTCTTTTCTTCTC 843
DB 4 TTGGTGTGTCTTCTTCTTCTC 25

RESULT 161
US-60-234-017-226264
; Sequence 226264, Application US/60234017
; GENERAL INFORMATION:
; APPLICANT: Mittmann, M
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis of Mus
; TITLE OF INVENTION: musculus
; FILE REFERENCE: 3115
; CURRENT APPLICATION NUMBER: US/60/234,017
; CURRENT FILING DATE: 2000-09-20
; NUMBER OF SEQ ID NOS: 605887
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 226264
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
; PUBLICATION INFORMATION:
; DATABASE ACCESSION NUMBER: GenBank AI851261
US-60-234-017-226264

Query Match 5.9%; Score 17.2; DB 1; Length 25;
Best Local Similarity 86.4%; Pred. No. 2.1e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 733 CATAGGACTTGGTAGGTCCCA 754
DB 2 CATAGGACTTGGTAGGTACCCA 23

RESULT 162
US-60-353-987-390030
; Sequence 390030, Application US/60353987
; GENERAL INFORMATION:
; APPLICANT: Mittmann, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Probes: HG-U133


```
; FILE REFERENCE: 3121
; CURRENT APPLICATION NUMBER: US/60/353,987
; CURRENT FILING DATE: 2002-02-01
; NUMBER OF SEQ ID NOS: 997516
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 390030
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-60-353-987-390030

Query Match          5.9%; Score 17.2; DB 1; Length 25;
Best Local Similarity 86.4%; Pred. No. 2.1e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 886 TGCACCTTACTTCTCAGCTTCTG 907
DB 4 TGCACCTTAATCTGAGCTTCAG 25

RESULT 163
US-60-353-987-406975/c
; Sequence 406975, Application US/60353987
; GENERAL INFORMATION:
; APPLICANT: Mittmann, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Probes: HG-U133
; CURRENT APPLICATION NUMBER: US/60/353,987
; CURRENT FILING DATE: 2002-02-01
; NUMBER OF SEQ ID NOS: 997516
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 406975
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-60-353-987-406975

Query Match          5.9%; Score 17.2; DB 1; Length 25;
Best Local Similarity 86.4%; Pred. No. 2.1e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 949 GCAAGAGAGCCAAATTCATC 970
DB 23 GCGAGAGAGGACATTGACTC 2

RESULT 164
US-60-353-987-881753/c
; Sequence 881753, Application US/60353987
; GENERAL INFORMATION:
; APPLICANT: Mittmann, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Probes: HG-U133
; CURRENT APPLICATION NUMBER: US/60/353,987
; CURRENT FILING DATE: 2002-02-01
; NUMBER OF SEQ ID NOS: 997516
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 881753
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-60-353-987-881753

Query Match          5.9%; Score 17.2; DB 1; Length 25;
Best Local Similarity 86.4%; Pred. No. 2.1e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 745 TAGGGTCCCGGGTCCCTAGGC 766
DB 23 TAGGGTCTCAGGGTCTCTTGGC 2

RESULT 165
US-60-353-987-956280/c
; Sequence 956280, Application US/60353987
; GENERAL INFORMATION:
; APPLICANT: Mittmann, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Probes: HG-U133
; FILE REFERENCE: 3121
; CURRENT APPLICATION NUMBER: US/60/353,987
; CURRENT FILING DATE: 2002-02-01
; NUMBER OF SEQ ID NOS: 997516
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 956280
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-60-353-987-956280

Query Match          5.9%; Score 17.2; DB 1; Length 25;
Best Local Similarity 86.4%; Pred. No. 2.1e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 934 TCCAGAGAAATTTACGCAAGAA 955
DB 22 TCCGGAGAAATTTACTCAAGAA 1

RESULT 166
US-60-427-808-290021
; Sequence 290021, Application US/60427808
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; FILE REFERENCE: 3528
; CURRENT APPLICATION NUMBER: US/60/427,808
; CURRENT FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 982914
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 290021
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-60-427-808-290021

Query Match          5.9%; Score 17.2; DB 1; Length 25;
Best Local Similarity 86.4%; Pred. No. 2.1e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 789 TCTGGTGCCAAAGAGCTCTCCTC 810
DB 2 TTGGTGCTAAGAGCTCTCCCC 23

RESULT 167
US-60-427-808-781255
; Sequence 781255, Application US/60427808
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; FILE REFERENCE: 3528
; CURRENT APPLICATION NUMBER: US/60/427,808
; CURRENT FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 982914
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 781255
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-60-427-808-781255

Query Match          5.9%; Score 17.2; DB 1; Length 25;
Best Local Similarity 86.4%; Pred. No. 2.1e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 858 TGGCTCCAGTTGGACACTTTC 879
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Db      4  TGGCTCCAGTTGAAACCCCTTGC 25
|||||
RESULT 168
US-60-427-808-875312/c
; Sequence 875312, Application US/60427808
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; FILE REFERENCE: 3528
; CURRENT APPLICATION NUMBER: US/60/427,808
; CURRENT FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 982914
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 875312
; TYPE: DNA
; ORGANISM: Mus musculus
US-60-427-808-875312

Query Match      5.9%; Score 17.2; DB 1; Length 25;
Best Local Similarity 86.4%; Pred. No. 2.1e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      713  CCACGAGAGTGACTCTGGTCA 734
Db      25  CCACGAGAGTGAGTCCGAC 4
|||||
RESULT 169
US-60-427-808-893721/c
; Sequence 893721, Application US/60427808
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; FILE REFERENCE: 3528
; CURRENT APPLICATION NUMBER: US/60/427,808
; CURRENT FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 982914
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 893721
; TYPE: DNA
; ORGANISM: Mus musculus
US-60-427-808-893721

Query Match      5.9%; Score 17.2; DB 1; Length 25;
Best Local Similarity 86.4%; Pred. No. 2.1e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      892  TACTTCTCAGTTCGCGATCA 913
Db      22  TACTTCTCAGTTCGCGACCA 1
|||||
RESULT 170
US-60-427-808-914089
; Sequence 914089, Application US/60427808
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; FILE REFERENCE: 3528
; CURRENT APPLICATION NUMBER: US/60/427,808
; CURRENT FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 982914
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 914089
; TYPE: DNA
; ORGANISM: Mus musculus
US-60-427-808-914089

Query Match      5.9%; Score 17.2; DB 1; Length 25;
Best Local Similarity 86.4%; Pred. No. 2.1e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      818  GGGTGGCTGTGCTCTTTCT 839
Db      22  GGGTGGCTGTGCTCTTTCT 1
|||||
RESULT 171
US-60-427-808-962339
; Sequence 962339, Application US/60427808
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; FILE REFERENCE: 3528
; CURRENT APPLICATION NUMBER: US/60/427,808
; CURRENT FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 982914
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 962339
; TYPE: DNA
; ORGANISM: Mus musculus
US-60-427-808-962339

Query Match      5.9%; Score 17.2; DB 1; Length 25;
Best Local Similarity 86.4%; Pred. No. 2.1e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      876  TTCTCTGAGTGCACCTACTTC 897
Db      4  TTCTCTGATGCGAGTGTCTTC 25
|||||
RESULT 172
US-60-427-836-111948/c
; Sequence 111948, Application US/60427836
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Rat
; FILE REFERENCE: 3527
; CURRENT APPLICATION NUMBER: US/60/427,836
; CURRENT FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 699466
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 111948
; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-60-427-836-111948

Query Match      5.9%; Score 17.2; DB 1; Length 25;
Best Local Similarity 86.4%; Pred. No. 2.1e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      818  GGGTGGCTGTGCTCTTTCT 839
Db      22  GGGTGGCTGTGCTCTTTCT 1
|||||
RESULT 173
US-60-427-836-214722
; Sequence 214722, Application US/60427836
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Rat
; FILE REFERENCE: 3527
; CURRENT APPLICATION NUMBER: US/60/427,836
; CURRENT FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 699466
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 214722

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; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-60-427-836-214722

Query Match          5.9%; Score 17.2; DB 1; Length 25;
Best Local Similarity 86.4%; Pred. No. 2.1e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 789 TCTGGTGCCAAAGAGCTCTCCCTC 810
Db      2 TTGGTGCTAAGAGCTCTCCCC 23

RESULT 174
US-60-427-836-322629
; Sequence 390476, Application US/60427836
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Rat
; FILE REFERENCE: 3527
; CURRENT APPLICATION NUMBER: US/60/427,836
; CURRENT FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 699466
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 322629
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-60-427-836-322629

Query Match          5.9%; Score 17.2; DB 1; Length 25;
Best Local Similarity 86.4%; Pred. No. 2.1e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 726 CTCTGGTCATAGGACTTCGTAG 747
Db      4 CTCAGGTCATTGACTTCGTAG 25

RESULT 175
US-60-427-836-390476
; Sequence 390476, Application US/60427836
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Rat
; FILE REFERENCE: 3527
; CURRENT APPLICATION NUMBER: US/60/427,836
; CURRENT FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 699466
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 390476
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-60-427-836-390476

Query Match          5.9%; Score 17.2; DB 1; Length 25;
Best Local Similarity 86.4%; Pred. No. 2.1e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 925 CCACACCCCTCAGAGATTTT 946
Db      2 CCACAGCCCTCCATAGATTTT 23

RESULT 176
US-60-507-511-160282/c
; Sequence 160282, Application US/60507511
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Mounts, William M
; TITLE OF INVENTION: NUCLEIC ACID ARRAYS FOR DETECTING GENE EXPRESSION ASSOCIATED WITH
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; TITLE OF INVENTION: HUMAN OSTEOARTHRITIS AND HUMAN PROTEASES
; FILE REFERENCE: AM 101081
; CURRENT APPLICATION NUMBER: US/60/507,511
; CURRENT FILING DATE: 2003-10-02
; NUMBER OF SEQ ID NOS: 203623
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 160282
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-60-507-511-160282

Query Match          5.9%; Score 17.2; DB 1; Length 25;
Best Local Similarity 86.4%; Pred. No. 2.1e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 756 GGTCCCTAGGCTCCACTTCG 777
Db      25 GGTCCCTCGGCTCCCTTCG 4

RESULT 177
US-09-396-196F-15716/c
; Sequence 15716, Application US/09396196F
; GENERAL INFORMATION:
; APPLICANT: Michael Mittmann
; APPLICANT: David Lockhart
; APPLICANT: David Lockhart
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis
; FILE REFERENCE: 3101.1
; CURRENT APPLICATION NUMBER: US/09/396,196F
; CURRENT FILING DATE: 2001-09-15
; PRIOR APPLICATION NUMBER: 60/100,678
; PRIOR FILING DATE: 1998-09-17
; NUMBER OF SEQ ID NOS: 127806
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 15716
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-09-396-196F-15716

Query Match          5.9%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 2.2e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 855 TCTGGCTCCAGTTGGACACTTTC 879
Db      25 TCTGGCTCTCTGTGGACACTTTC 1

RESULT 178
US-09-396-196G-15716/c
; Sequence 15716, Application US/09396196G
; GENERAL INFORMATION:
; APPLICANT: Michael Mittmann
; APPLICANT: David Lockhart
; APPLICANT: David Lockhart
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis
; FILE REFERENCE: 3101.1
; CURRENT APPLICATION NUMBER: US/09/396,196G
; CURRENT FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: 60/100,678
; PRIOR FILING DATE: 1998-09-17
; NUMBER OF SEQ ID NOS: 127806
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 15716
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-09-396-196G-15716
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Query Match          5.9%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 2.2e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 855 TCTGGCTCCAGTTGGACACTTTC 879
DB 25 TCTGGCTCCAGTTGGACACTTTC 1

RESULT 179
US-09-953-570-92715/c
; Sequence 92715, Application US/09953570
; GENERAL INFORMATION:
; APPLICANT: Mittmann, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Yeast
; FILE REFERENCE: 3110.1
; CURRENT APPLICATION NUMBER: US/09/953,570
; CURRENT FILING DATE: 2001-09-13
; PRIOR APPLICATION NUMBER: 60/232,638
; PRIOR FILING DATE: 2000-09-14
; NUMBER OF SEQ ID NOS: 138410
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 92715
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Saccharomyces Cerevisiae
US-09-953-570-92715

Query Match          5.9%; Score 17; DB 1; Length 25;
Best Local Similarity 100.0%; Pred. No. 2.2e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 972 CTAATCTGGTGTATGG 988
DB 23 CTAATCTGGTGTATGG 7

RESULT 180
US-09-953-570-99671
; Sequence 99671, Application US/09953570
; GENERAL INFORMATION:
; APPLICANT: Mittmann, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Yeast
; CURRENT APPLICATION NUMBER: US/09/953,570
; CURRENT FILING DATE: 2001-09-13
; PRIOR APPLICATION NUMBER: 60/232,638
; PRIOR FILING DATE: 2000-09-14
; NUMBER OF SEQ ID NOS: 138410
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 99671
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Saccharomyces Cerevisiae
US-09-953-570-99671

Query Match          5.9%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 2.2e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 869 GGAACACTTCTCGAGATGCACTTA 893
DB 1 GGAACACTTACGGAACGCACATA 25

RESULT 181
US-09-954-427-194925/c
; Sequence 194925, Application US/09954427
; GENERAL INFORMATION:
; APPLICANT: Mittmann
; TITLE OF INVENTION: Methods of Genetic Analysis of the Rat

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; TITLE OF INVENTION: Genome
; FILE REFERENCE: 3112
; CURRENT APPLICATION NUMBER: US/09/954,427
; CURRENT FILING DATE: 2001-09-17
; NUMBER OF SEQ ID NOS: 420907
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 194925
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus norvegicus
; PUBLICATION INFORMATION:
; DATABASE ACCESSION NUMBER: GenBank AA997601
US-09-954-427-194925

Query Match          5.9%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 2.2e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 751 CCCAGGTCCTAGGCTCCACTTC 775
DB 25 CCCAGTGTCTGTAGTCTCCACTTC 1

RESULT 182
US-09-954-427-307666/c
; Sequence 307666, Application US/09954427
; GENERAL INFORMATION:
; APPLICANT: Mittmann
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis of the Rat
; FILE REFERENCE: 3112
; CURRENT APPLICATION NUMBER: US/09/954,427
; CURRENT FILING DATE: 2001-09-17
; NUMBER OF SEQ ID NOS: 420907
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 307666
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus norvegicus
; PUBLICATION INFORMATION:
; DATABASE ACCESSION NUMBER: GenBank D45862
US-09-954-427-307666

Query Match          5.9%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 2.2e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 752 CCAGGTCCTAGGCTCCACTTCT 776
DB 25 CGAGGTCCTATAGGAGTCTCTTCT 1

RESULT 183
US-09-954-427A-27967
; Sequence 27967, Application US/09954427A
; GENERAL INFORMATION:
; APPLICANT: Michael Mittmann
; TITLE OF INVENTION: Methods of Genetic Analysis of the Rat Genome
; FILE REFERENCE: 3112.1
; CURRENT APPLICATION NUMBER: US/09/954,427A
; CURRENT FILING DATE: 2001-09-17
; PRIOR APPLICATION NUMBER: 60/233,166
; PRIOR FILING DATE: 2000-09-18
; NUMBER OF SEQ ID NOS: 420907
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 27967
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus Norvegicus
US-09-954-427A-27967

Query Match          5.9%; Score 17; DB 1; Length 25;

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; APPLICANT: Mittman, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Mus Musculus
; FILE REFERENCE: 3115.1
; CURRENT APPLICATION NUMBER: US/09/956,584
; CURRENT FILING DATE: 2001-09-19
; PRIOR FILING DATE: 2000-09-20
; NUMBER OF SEQ ID NOS: 605887
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 292147
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-09-956-584-292147

Query Match          5.9%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 2.2e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy      828 TGTCCTTTCTTCTCTGAGACAG 852
Db      1 TGTCCTTTCTCTAICGGAATCAG 25

RESULT 195
US-09-956-584-381618/c
; Sequence 381618, Application US/09956584
; GENERAL INFORMATION:
; APPLICANT: Mittman, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Mus Musculus
; FILE REFERENCE: 3115.1
; CURRENT APPLICATION NUMBER: US/09/956,584
; CURRENT FILING DATE: 2001-09-19
; PRIOR FILING DATE: 2000-09-20
; NUMBER OF SEQ ID NOS: 605887
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 381618
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-09-956-584-381618

Query Match          5.9%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 2.2e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy      728 CTGGTCATAGCACTGGTAGGTC 752
Db      25 CTGGTCATAGGAATAAGAGATCC 1

RESULT 196
US-09-956-584-554089
; Sequence 554089, Application US/09956584
; GENERAL INFORMATION:
; APPLICANT: Mittman, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Mus Musculus
; FILE REFERENCE: 3115.1
; CURRENT APPLICATION NUMBER: US/09/956,584
; CURRENT FILING DATE: 2001-09-19
; PRIOR FILING DATE: 2000-09-20
; NUMBER OF SEQ ID NOS: 605887
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 554089
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-09-956-584-554089

Query Match          5.9%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 2.2e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy      728 CTGGTCATAGCACTGGTAGGTC 752
Db      25 CTGGTCATAGGAATAAGAGATCC 1

RESULT 197
US-10-098-263B-110578
; Sequence 110578, Application US/10098263B
; GENERAL INFORMATION:
; APPLICANT: Mittman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; CURRENT FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 110578
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-110578

Query Match          5.9%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 2.2e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy      917 TATCATCACCAACCCCTCCAGAGA 941
Db      1 TGTCTATATAAACACCTTCAGAGA 25

RESULT 198
US-10-355-577-79644
; Sequence 79644, Application US/10355577
; GENERAL INFORMATION:
; APPLICANT: Mittman, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Probes: HG-U133
; FILE REFERENCE: 3121
; CURRENT APPLICATION NUMBER: US/10/355,577
; CURRENT FILING DATE: 2003-01-31
; NUMBER OF SEQ ID NOS: 997516
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 79644
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-355-577-79644

Query Match          5.9%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 2.2e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy      725 ACTCTGGTCATAGGACTGGTAGGG 749
Db      1 ACACCTGGTCAGTGGACTAGGTCGG 25

RESULT 199
US-10-681-773-101330
; Sequence 101330, Application US/10681773
; GENERAL INFORMATION:
; APPLICANT: Matsuzaki, Hajime
; APPLICANT: Mei, Rui
; APPLICANT: Shen, Mei-Mei
; APPLICANT: Kennedy, Giulia
; TITLE OF INVENTION: Methods for Genotyping Polymorphisms in Humans
; FILE REFERENCE: 3522.2
; CURRENT APPLICATION NUMBER: US/10/681,773
; CURRENT FILING DATE: 2003-10-07
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; PRIOR APPLICATION NUMBER: 60/470,475
; PRIOR FILING DATE: 2002-05-14
; PRIOR APPLICATION NUMBER: 60/417,190
; PRIOR FILING DATE: 2002-10-08
; NUMBER OF SEQ ID NOS: 124031
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 101330
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-681-773-101330
Query Match          5.9%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 2.2e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 828 TGCTCTTTCTTCTCTGAGACAG 852
Db 1 TCTGCTTTTCTTGTCTAAAGACAG 25

RESULT 200
US-10-900-57639/c
; Sequence 57639, Application US/10719900
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; FILE REFERENCE: 3528.1
; CURRENT APPLICATION NUMBER: US/10/719,900
; CURRENT FILING DATE: 2003-11-20
; PRIOR APPLICATION NUMBER: 60/427,808
; PRIOR FILING DATE: 2002 11 20
; NUMBER OF SEQ ID NOS: 982914
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 57639
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-10-719-900-57639
Query Match          5.9%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 2.2e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 753 CAGGGTCCCTAGGCTCCACTTCTG 777
Db 25 CCGGCTCTAAAGGCTCCAGTCTG 1

RESULT 203
US-10-719-900-386991/c
; Sequence 386991, Application US/10719900
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; FILE REFERENCE: 3528.1
; CURRENT APPLICATION NUMBER: US/10/719,900
; CURRENT FILING DATE: 2003-11-20
; PRIOR APPLICATION NUMBER: 60/427,808
; PRIOR FILING DATE: 2002 11 20
; NUMBER OF SEQ ID NOS: 982914
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 386991
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-10-719-900-386991
Query Match          5.9%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 2.2e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 828 TGCTCTTTCTTCTCTGAGACAG 852
Db 25 TGCTCTTTTCTTGTCTAAAGACAG 1

RESULT 204
US-10-719-900-472888/c
; Sequence 472888, Application US/10719900
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; FILE REFERENCE: 3528.1
; CURRENT APPLICATION NUMBER: US/10/719,900
; CURRENT FILING DATE: 2003-11-20
; PRIOR APPLICATION NUMBER: 60/427,808
; PRIOR FILING DATE: 2002 11 20
; NUMBER OF SEQ ID NOS: 982914
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 472888
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-10-719-900-472888
Query Match          5.9%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 2.2e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 872 ACAGTTGCTGAGACGACTTACTT 896
Db 25 ACAGTTGCTGAGACGCTTCTT 1

RESULT 201
US-10-719-900-183743
; Sequence 183743, Application US/10719900
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; FILE REFERENCE: 3528.1
; CURRENT APPLICATION NUMBER: US/10/719,900
; CURRENT FILING DATE: 2003-11-20
; PRIOR APPLICATION NUMBER: 60/427,808
; PRIOR FILING DATE: 2002 11 20
; NUMBER OF SEQ ID NOS: 982914
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 183743
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-10-719-900-183743
Query Match          5.9%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 2.2e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 900 AGCTTCTGCGATCATCATCA 924

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; SEQ ID NO 472888
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-10-719-900-472888

Query Match          5.9%; Score 17; DB 1; Length 25;
Best Local Similarity 100.0%; Pred. No. 2.2e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 791 TGGTGCCCAAGAGCTCTC 807
      |||||
Db 17 TGGTGCCCAAGAGCTCTC 1

RESULT 205
US-10-719-900-494561/c
; Sequence 494561, Application US/10719900
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; FILE REFERENCE: 3528.1
; CURRENT APPLICATION NUMBER: US/10/719,900
; PRIOR FILING DATE: 2003-11-20
; PRIOR APPLICATION NUMBER: 60/427,808
; PRIOR FILING DATE: 2002 11 20
; NUMBER OF SEQ ID NOS: 982914
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 494561
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-10-719-900-494561

Query Match          5.9%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 2.2e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 839 TTCTCTGAAGACAGGCTCTGGCTC 863
      |||||
Db 25 TTCTCTGAAGACAGGCTCTGGCTC 1

RESULT 206
US-10-719-900-574651
; Sequence 574651, Application US/10719900
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; FILE REFERENCE: 3528.1
; CURRENT APPLICATION NUMBER: US/10/719,900
; PRIOR FILING DATE: 2003-11-20
; PRIOR APPLICATION NUMBER: 60/427,808
; PRIOR FILING DATE: 2002 11 20
; NUMBER OF SEQ ID NOS: 982914
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 574651
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-10-719-900-574651

Query Match          5.9%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 2.2e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 824 GCTGTCTCTTTTCTCTCTGAAG 848
      |||||
Db 1 GCTGTCTCTTTCTCTCTGTGAAG 25

RESULT 207
US-10-719-900-609710
; Sequence 609710, Application US/10719900
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; FILE REFERENCE: 3528.1
; CURRENT APPLICATION NUMBER: US/10/719,900
; PRIOR FILING DATE: 2003-11-20
; PRIOR APPLICATION NUMBER: 60/427,808
; PRIOR FILING DATE: 2002 11 20
; NUMBER OF SEQ ID NOS: 982914
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 609710
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-10-719-900-609710

Query Match          5.9%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 2.2e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 859 GGCCTCAGTTGGAACACTTTCTCTGA 883
      |||||
Db 1 GGCACCAAGATGCAAAACTTTCTCTAA 25

RESULT 208
US-10-719-900-836832
; Sequence 836832, Application US/10719900
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; FILE REFERENCE: 3528.1
; CURRENT APPLICATION NUMBER: US/10/719,900
; PRIOR FILING DATE: 2003-11-20
; PRIOR APPLICATION NUMBER: 60/427,808
; PRIOR FILING DATE: 2002 11 20
; NUMBER OF SEQ ID NOS: 982914
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 836832
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-10-719-900-836832

Query Match          5.9%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 2.2e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 826 TGTGTCTCTTTTCTCTCTGAAGAC 850
      |||||
Db 1 TGTGTCTCTTTCTCTCTGACTAC 25

RESULT 209
US-10-719-900-867116
; Sequence 867116, Application US/10719900
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; FILE REFERENCE: 3528.1
; CURRENT APPLICATION NUMBER: US/10/719,900
; PRIOR FILING DATE: 2003-11-20
; PRIOR APPLICATION NUMBER: 60/427,808
; PRIOR FILING DATE: 2002 11 20
; NUMBER OF SEQ ID NOS: 982914
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 867116
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-10-719-900-867116
```

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Query Match          5.9%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 2.2e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 806 TCTCAACTCAGGTTGGCTGT 830
Db 1 TCCCCAGCTCGTGTGGCTGT 25

RESULT 210
US-10-719-900-894695
; Sequence 894695, Application US/10719900
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; FILE REFERENCE: 3528.1
; CURRENT APPLICATION NUMBER: US/10/719,900
; CURRENT FILING DATE: 2003-11-20
; PRIOR APPLICATION NUMBER: 60/427,808
; PRIOR FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 982914
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 894695
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-10-719-900-894695

Query Match          5.9%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 2.2e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 791 TGGTCCAGAGCTCTCTCCAACT 815
Db 1 TGGTCACTAAGGCTCACCTCCAACT 25

RESULT 211
US-10-719-900-970373
; Sequence 970373, Application US/10719900
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; FILE REFERENCE: 3528.1
; CURRENT APPLICATION NUMBER: US/10/719,900
; CURRENT FILING DATE: 2003-11-20
; PRIOR APPLICATION NUMBER: 60/427,808
; PRIOR FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 982914
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 970373
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-10-719-900-970373

Query Match          5.9%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 2.2e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 835 TTTCTCTCTCAAGACAGCGTCTG 859
Db 1 TTTCTCTCTCAGACTGGGTCTG 25

RESULT 212
US-10-719-956-109528
; Sequence 109528, Application US/10719956
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Rat
; FILE REFERENCE: 3527.1
; CURRENT APPLICATION NUMBER: US/10/719,956
```

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; CURRENT FILING DATE: 2003-11-20
; PRIOR APPLICATION NUMBER: 60/427,836
; PRIOR FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 699466
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 109528
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-10-719-956-109528

Query Match          5.9%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 2.2e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 783 AGCCCTCTGGTGGCAAGAGCTCTC 807
Db 1 AGACCGTCTACTGACACAGAGCTCTC 25

RESULT 213
US-10-719-956-122463/c
; Sequence 122463, Application US/10719956
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Rat
; FILE REFERENCE: 3527.1
; CURRENT APPLICATION NUMBER: US/10/719,956
; CURRENT FILING DATE: 2003-11-20
; PRIOR APPLICATION NUMBER: 60/427,836
; PRIOR FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 699466
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 122463
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-10-719-956-122463

Query Match          5.9%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 2.2e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 857 CTGGCTCCAGTTGGAACACTTTTCT 881
Db 25 CTGGGACAGATTGCAACACTTTGCT 1

RESULT 214
US-10-719-956-253868
; Sequence 253868, Application US/10719956
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Rat
; FILE REFERENCE: 3527.1
; CURRENT APPLICATION NUMBER: US/10/719,956
; CURRENT FILING DATE: 2003-11-20
; PRIOR APPLICATION NUMBER: 60/427,836
; PRIOR FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 699466
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 253868
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-10-719-956-253868

Query Match          5.9%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 2.2e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 760 CCTAGGCTCCACTTCTGAGGCGAG 784
Db 1 CCTAGGCTCCACTTCTGAGGCGAG 784
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```
Db      1  CCTGAGCTCCACTGCTGAGTGGAG 25

RESULT 215
US-10-719-956-274165/c
; Sequence 274165, Application US/10719956
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Rat
; FILE REFERENCE: 3527.1
; CURRENT APPLICATION NUMBER: US/10/719,956
; CURRENT FILING DATE: 2003-11-20
; PRIOR APPLICATION NUMBER: 60/427,836
; PRIOR FILING DATE: 2002 11 20
; NUMBER OF SEQ ID NOS: 699466
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 274165
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-10-719-956-274165
Query Match      5.9%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 2.2e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY      828  TGTCTCTTTTCTCTCTGAAGACAG 852
          |||||
Db      25  TGTCTCTTTGATCTCTGCAGCCAG 1

RESULT 216
US-10-719-956-280417/c
; Sequence 280417, Application US/10719956
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Rat
; FILE REFERENCE: 3527.1
; CURRENT APPLICATION NUMBER: US/10/719,956
; CURRENT FILING DATE: 2003-11-20
; PRIOR APPLICATION NUMBER: 60/427,836
; PRIOR FILING DATE: 2002 11 20
; NUMBER OF SEQ ID NOS: 699466
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 280417
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-10-719-956-280417
Query Match      5.9%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 2.2e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY      828  TGTCTCTTTTCTCTCTGAAGACAG 852
          |||||
Db      25  TGTCTCTTTGATCTCTGCAGCCAG 1

RESULT 217
US-10-719-956-365622/c
; Sequence 365622, Application US/10719956
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Rat
; FILE REFERENCE: 3527.1
; CURRENT APPLICATION NUMBER: US/10/719,956
; CURRENT FILING DATE: 2003-11-20
; PRIOR APPLICATION NUMBER: 60/427,836
; PRIOR FILING DATE: 2002 11 20
; NUMBER OF SEQ ID NOS: 699466
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 365622

Db      1  CCTGAGCTCCACTGCTGAGTGGAG 25

; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-10-719-956-365622
Query Match      5.9%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 2.2e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY      899  CAGCTTCTCGATCAGATTATCATC 923
          |||||
Db      25  CAGGCTCTGAGATCAGAGGATCATC 1

RESULT 218
US-10-719-956-608830/c
; Sequence 608830, Application US/10719956
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Rat
; FILE REFERENCE: 3527.1
; CURRENT APPLICATION NUMBER: US/10/719,956
; CURRENT FILING DATE: 2003-11-20
; PRIOR APPLICATION NUMBER: 60/427,836
; PRIOR FILING DATE: 2002 11 20
; NUMBER OF SEQ ID NOS: 699466
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 608830
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-10-719-956-608830
Query Match      5.9%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 2.2e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY      793  GTGCCAAGAGCTCTCTCCAACTCA 817
          |||||
Db      25  GTGCTGTGAGCCCTCTCTCCAACTCA 1

RESULT 219
US-10-719-956-683539
; Sequence 683539, Application US/10719956
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Rat
; FILE REFERENCE: 3527.1
; CURRENT APPLICATION NUMBER: US/10/719,956
; CURRENT FILING DATE: 2003-11-20
; PRIOR APPLICATION NUMBER: 60/427,836
; PRIOR FILING DATE: 2002 11 20
; NUMBER OF SEQ ID NOS: 699466
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 683539
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-10-719-956-683539
Query Match      5.9%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 2.2e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY      821  TTGGCTGTGCTCTTTTCTTCTCTG 845
          |||||
Db      1  TTGCTTTTCTATATCTTCTCTG 25

RESULT 220
US-10-719-956-683540
; Sequence 683540, Application US/10719956
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; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Rat
; FILE REFERENCE: 3527.1
; CURRENT APPLICATION NUMBER: US/10/719,956
; PRIOR FILING DATE: 2003-11-20
; PRIOR APPLICATION NUMBER: 60/427,836
; PRIOR FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 699466
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 683540
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-10-719-956-683540

Query Match      5.9%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 2.2e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

; APPLICANT: Mittmann
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis of Yeast
; FILE REFERENCE: 3110
; CURRENT APPLICATION NUMBER: US/60/232,638
; CURRENT FILING DATE: 2000-09-14
; NUMBER OF SEQ ID NOS: 138410
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 92716
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Saccharomyces cervisiae
; PUBLICATION INFORMATION:
; DATABASE ACCESSION NUMBER: SGD YKL212W
US-60-232-638-92716

Query Match      5.9%; Score 17; DB 1; Length 25;
Best Local Similarity 100.0%; Pred. No. 2.2e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

; APPLICANT: Mittmann
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis of Yeast
; FILE REFERENCE: 3110
; CURRENT APPLICATION NUMBER: US/60/232,638
; CURRENT FILING DATE: 2000-09-14
; NUMBER OF SEQ ID NOS: 138410
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 99672
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Saccharomyces cervisiae
; PUBLICATION INFORMATION:
; DATABASE ACCESSION NUMBER: SGD YLR222C
US-60-232-638-99672

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Query Match      5.9%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 2.2e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

; APPLICANT: Mittmann
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis of the Rat
; FILE REFERENCE: 3112
; CURRENT APPLICATION NUMBER: US/60/233,166
; CURRENT FILING DATE: 2000-10-24
; NUMBER OF SEQ ID NOS: 420907
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 194925
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus norvegicus
; PUBLICATION INFORMATION:
; DATABASE ACCESSION NUMBER: GenBank AA997601
US-60-233-166-194925

Query Match      5.9%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 2.2e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

; APPLICANT: Mittmann
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis of the Rat
; FILE REFERENCE: 3112
; CURRENT APPLICATION NUMBER: US/60/233,166
; CURRENT FILING DATE: 2000-10-24
; NUMBER OF SEQ ID NOS: 420907
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 307666
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus norvegicus
; PUBLICATION INFORMATION:
; DATABASE ACCESSION NUMBER: GenBank D45862
US-60-233-166-307666

Query Match      5.9%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 2.2e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

; APPLICANT: Mittmann
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis of the Rat
; FILE REFERENCE: 3112
; CURRENT APPLICATION NUMBER: US/60/233,166
; CURRENT FILING DATE: 2000-10-24
; NUMBER OF SEQ ID NOS: 420907
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 307666
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus norvegicus
; PUBLICATION INFORMATION:
; DATABASE ACCESSION NUMBER: GenBank D45862
US-60-233-166-307666

Query Match      5.9%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 2.2e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

; APPLICANT: Mittmann
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis of Yeast
; FILE REFERENCE: 3110
; CURRENT APPLICATION NUMBER: US/60/232,638
; CURRENT FILING DATE: 2000-09-14
; NUMBER OF SEQ ID NOS: 138410
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 99672
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Saccharomyces cervisiae
; PUBLICATION INFORMATION:
; DATABASE ACCESSION NUMBER: SGD YLR222C
US-60-232-638-99672

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; GENERAL INFORMATION:
; APPLICANT: Mittmann
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis of
; TITLE OF INVENTION: Arabidopsis thaliana
; FILE REFERENCE: 3116
; CURRENT APPLICATION NUMBER: US/60/233,620
; CURRENT FILING DATE: 2000-10-24
; NUMBER OF SEQ ID NOS: 131820
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 48411
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Arabidopsis thaliana
; PUBLICATION INFORMATION:
; DATABASE ACCESSION NUMBER: GenBank AL035679
US-60-233-620-48411

Query Match      5.9%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 2.2e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 958 GCCAAATGACTCTCTAAATCTGCT 982
      |||||
Db 1 GCCACATGAGTGTCAAACCTGCT 25

RESULT 226
US-60-234-017-37771
; Sequence 37771, Application US/60234017
; GENERAL INFORMATION:
; APPLICANT: Mittmann, M
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis of Mus
; TITLE OF INVENTION: musculus
; FILE REFERENCE: 3115
; CURRENT APPLICATION NUMBER: US/60/234,017
; CURRENT FILING DATE: 2000-09-20
; NUMBER OF SEQ ID NOS: 605887
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 37771
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
; PUBLICATION INFORMATION:
; DATABASE ACCESSION NUMBER: GenBank AW209098
US-60-234-017-37771

Query Match      5.9%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 2.2e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 711 GTCCAGGAGTGTCTCTGTCAT 735
      |||||
Db 1 GACACAGGTGAGTGTCTGGAGAT 25

RESULT 227
US-60-234-017-84607
; Sequence 84607, Application US/60234017
; GENERAL INFORMATION:
; APPLICANT: Mittmann, M
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis of Mus
; TITLE OF INVENTION: musculus
; FILE REFERENCE: 3115
; CURRENT APPLICATION NUMBER: US/60/234,017
; CURRENT FILING DATE: 2000-09-20
; NUMBER OF SEQ ID NOS: 605887
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 84607
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
; PUBLICATION INFORMATION:
; DATABASE ACCESSION NUMBER: GenBank AI840376
US-60-234-017-84607

Query Match      5.9%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 2.2e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 867 TTGGAACACTTTCCTGAGATGCACT 891
      |||||
Db 1 TTGGAACACTTTCCTTAGAGAGT 25

RESULT 228
US-60-234-017-116860
; Sequence 116860, Application US/60234017
; GENERAL INFORMATION:
; APPLICANT: Mittmann, M
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis of Mus
; TITLE OF INVENTION: musculus
; FILE REFERENCE: 3115
; CURRENT APPLICATION NUMBER: US/60/234,017
; CURRENT FILING DATE: 2000-09-20
; NUMBER OF SEQ ID NOS: 605887
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 116860
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
; PUBLICATION INFORMATION:
; DATABASE ACCESSION NUMBER: GenBank U09563
US-60-234-017-116860

Query Match      5.9%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 2.2e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 879 CCTGAGATGCACTTACTTCTCAGCT 903
      |||||
Db 1 CCTGAGATGCACTTCTTTGAACT 25

RESULT 229
US-60-234-017-166744/C
; Sequence 166744, Application US/60234017
; GENERAL INFORMATION:
; APPLICANT: Mittmann, M
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis of Mus
; TITLE OF INVENTION: musculus
; FILE REFERENCE: 3115
; CURRENT APPLICATION NUMBER: US/60/234,017
; CURRENT FILING DATE: 2000-09-20
; NUMBER OF SEQ ID NOS: 605887
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 166744
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
; PUBLICATION INFORMATION:
; DATABASE ACCESSION NUMBER: GenBank AW045751
US-60-234-017-166744

Query Match      5.9%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 2.2e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 722 GTGACTCTCGTATAGACTTGGTA 746
      |||||
Db 25 GTGACTACGCTCTCTCGGCTTGGTA 1
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; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 532396
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
; PUBLICATION INFORMATION:
; DATABASE ACCESSION NUMBER: GenBank AF1840762
US-60-234-017-532396

Query Match      5.9%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 2.2e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY      816 CAGGGTGGCTGTGCTCTCTTTCTT 840
      ||||| ||||| ||||| |||||
Db      1 CAGGGTGGCTGTGCTCTCTTTCTG 25

RESULT 233
US-60-353-987-79644
; Sequence 79644, Application US/60353987
; GENERAL INFORMATION:
; APPLICANT: Mittmann, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Probes: HG-UI33
; FILE REFERENCE: 3121
; CURRENT APPLICATION NUMBER: US/60/353,987
; CURRENT FILING DATE: 2002-02-01
; NUMBER OF SEQ ID NOS: 997516
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 79644
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-60-353-987-79644

Query Match      5.9%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 2.2e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY      725 ACTCTGTCATAGGACTTGCTAGGG 749
      ||||| ||||| ||||| |||||
Db      1 ACACGTCAGTGGACTAGTGGG 25

RESULT 234
US-60-417-190-55923
; Sequence 55923, Application US/60417190
; GENERAL INFORMATION:
; APPLICANT: Giulia Kennedy
; APPLICANT: Hajime Matsuzaki
; APPLICANT: Mei-Mei Shen
; TITLE OF INVENTION: Methods for Genotyping Polymorphisms in Humans
; FILE REFERENCE: 3522
; CURRENT APPLICATION NUMBER: US/60/417,190
; CURRENT FILING DATE: 2002-10-02
; NUMBER OF SEQ ID NOS: 122930
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 55923
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-60-417-190-55923

Query Match      5.9%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 2.2e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY      828 TGCTCTTTTCTCTCTGAAGACAG 852
      ||||| ||||| ||||| |||||
Db      1 TCTGCTTTTCTCTCTAAGACAG 25

RESULT 235
US-60-417-190-55923

Query Match      5.9%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 2.2e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY      828 TGCTCTTTTCTCTCTGAAGACAG 852
      ||||| ||||| ||||| |||||
Db      1 TCTGCTTTTCTCTCTAAGACAG 25

RESULT 236
US-60-417-190-55923

Query Match      5.9%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 2.2e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY      728 CTGGTCATAGGACTTGCTAGGGTCC 752
      ||||| ||||| ||||| |||||
Db      25 CTGGTCATAGGAATAGAAGAGTCC 1

RESULT 237
US-60-234-017-532396
; Sequence 532396, Application US/60234017
; GENERAL INFORMATION:
; APPLICANT: Mittmann, M
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis of Mus
; FILE REFERENCE: 3115
; CURRENT APPLICATION NUMBER: US/60/234,017
; CURRENT FILING DATE: 2000-09-20
; NUMBER OF SEQ ID NOS: 605887
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 271178
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
; PUBLICATION INFORMATION:
; DATABASE ACCESSION NUMBER: GenBank AA896206
US-60-234-017-271178

Query Match      5.9%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 2.2e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY      828 TGTCTCTTTTCTCTCTGAAGACAG 852
      ||||| ||||| ||||| |||||
Db      1 TGTCTCTTTTCTCTCGGAAGTCC 25

RESULT 238
US-60-234-017-378252/c
; Sequence 378252, Application US/60234017
; GENERAL INFORMATION:
; APPLICANT: Mittmann, M
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis of Mus
; FILE REFERENCE: 3115
; CURRENT APPLICATION NUMBER: US/60/234,017
; CURRENT FILING DATE: 2000-09-20
; NUMBER OF SEQ ID NOS: 605887
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 378252
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
; PUBLICATION INFORMATION:
; DATABASE ACCESSION NUMBER: GenBank AW046817
US-60-234-017-378252

Query Match      5.9%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 2.2e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY      728 CTGGTCATAGGACTTGCTAGGGTCC 752
      ||||| ||||| ||||| |||||
Db      25 CTGGTCATAGGAATAGAAGAGTCC 1

RESULT 239
US-60-234-017-532396
; Sequence 532396, Application US/60234017
; GENERAL INFORMATION:
; APPLICANT: Mittmann, M
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis of Mus
; FILE REFERENCE: 3115
; CURRENT APPLICATION NUMBER: US/60/234,017
; CURRENT FILING DATE: 2000-09-20
; NUMBER OF SEQ ID NOS: 605887
```

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US-60-427-808-57639/c
; Sequence 57639, Application US/60427808
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; FILE REFERENCE: 3528
; CURRENT APPLICATION NUMBER: US/60/427,808
; CURRENT FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 982914
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 57639
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-60-427-808-57639

Query Match          5.9%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 2.2e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 872 ACATTTCCTGAGATGCACCTTACTT 896
Db 25 ACAGTTGCTGAGAGCCCTTCCTT 1

RESULT 236
US-60-427-808-183743
; Sequence 183743, Application US/60427808
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; FILE REFERENCE: 3528
; CURRENT APPLICATION NUMBER: US/60/427,808
; CURRENT FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 982914
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 183743
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-60-427-808-183743

Query Match          5.9%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 2.2e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 900 AGCTTCTCGATCATCATCATCA 924
Db 1 AGCTTCTCGACCACTATTCACCA 25

RESULT 237
US-60-427-808-310780/c
; Sequence 310780, Application US/60427808
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; FILE REFERENCE: 3528
; CURRENT APPLICATION NUMBER: US/60/427,808
; CURRENT FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 982914
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 310780
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-60-427-808-310780

Query Match          5.9%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 2.2e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 753 CAGGTCCTCCAGGCTCCACTTCTG 777

US-60-427-808-386991/c
; Sequence 386991, Application US/60427808
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; FILE REFERENCE: 3528
; CURRENT APPLICATION NUMBER: US/60/427,808
; CURRENT FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 982914
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 386991
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-60-427-808-386991

Query Match          5.9%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 2.2e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 828 TGTCTCTTTTCTCTCTGAAGACAG 852
Db 25 TGTCCTTTTGATCTCTGCAGCCAG 1

RESULT 239
US-60-427-808-472888/c
; Sequence 472888, Application US/60427808
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; FILE REFERENCE: 3528
; CURRENT APPLICATION NUMBER: US/60/427,808
; CURRENT FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 982914
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 472888
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-60-427-808-472888

Query Match          5.9%; Score 17; DB 1; Length 25;
Best Local Similarity 100.0%; Pred. No. 2.2e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 791 TGGTGCCAGAGCTCTC 807
Db 17 TGGTGCCAGAGCTCTC 1

RESULT 240
US-60-427-808-494561/c
; Sequence 494561, Application US/60427808
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; FILE REFERENCE: 3528
; CURRENT APPLICATION NUMBER: US/60/427,808
; CURRENT FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 982914
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 494561
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-60-427-808-494561

Query Match          5.9%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 2.2e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 791 TGGTGCCAGAGCTCTC 807
Db 17 TGGTGCCAGAGCTCTC 1

RESULT 241
US-60-427-808-494561/c
; Sequence 494561, Application US/60427808
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; FILE REFERENCE: 3528
; CURRENT APPLICATION NUMBER: US/60/427,808
; CURRENT FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 982914
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 494561
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-60-427-808-494561

Query Match          5.9%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 2.2e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 791 TGGTGCCAGAGCTCTC 807
Db 17 TGGTGCCAGAGCTCTC 1
```

Query Match 5.9%; Score 17; DB 1; Length 25;
 Best Local Similarity 80.0%; Pred. No. 2.2e+02;
 Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 839 TTCTCTGAAGACAGCGTCTCTGCTC 863
 DB 25 TTTTCTGAAGACAGACCGCATGACTC 1

RESULT 241
 US-60-427-808-574651
 ; Sequence 574651, Application US/60427808
 ; GENERAL INFORMATION:
 ; APPLICANT: Xue Mei Zhou
 ; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
 ; FILE REFERENCE: 3528
 ; CURRENT APPLICATION NUMBER: US/60/427,808
 ; CURRENT FILING DATE: 2002-11-20
 ; NUMBER OF SEQ ID NOS: 982914
 ; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
 ; SEQ ID NO 574651
 ; LENGTH: 25
 ; TYPE: DNA
 ; ORGANISM: Mus musculus
 US-60-427-808-574651

Query Match 5.9%; Score 17; DB 1; Length 25;
 Best Local Similarity 80.0%; Pred. No. 2.2e+02;
 Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 824 GCTGTCTCTCTTTCTCTCTGAAG 848
 DB 1 GCTGTCTCTCTTTCTCTGTGTTAAG 25

RESULT 242
 US-60-427-808-609710
 ; Sequence 609710, Application US/60427808
 ; GENERAL INFORMATION:
 ; APPLICANT: Xue Mei Zhou
 ; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
 ; FILE REFERENCE: 3528
 ; CURRENT APPLICATION NUMBER: US/60/427,808
 ; CURRENT FILING DATE: 2002-11-20
 ; NUMBER OF SEQ ID NOS: 982914
 ; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
 ; SEQ ID NO 609710
 ; LENGTH: 25
 ; TYPE: DNA
 ; ORGANISM: Mus musculus
 US-60-427-808-609710

Query Match 5.9%; Score 17; DB 1; Length 25;
 Best Local Similarity 80.0%; Pred. No. 2.2e+02;
 Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 859 GGCTCCAGTTGAACACTTTCTCTGA 883
 DB 1 GGACACAGATGCAAACTTCTTAA 25

RESULT 243
 US-60-427-808-836832
 ; Sequence 836832, Application US/60427808
 ; GENERAL INFORMATION:
 ; APPLICANT: Xue Mei Zhou
 ; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
 ; FILE REFERENCE: 3528
 ; CURRENT APPLICATION NUMBER: US/60/427,808
 ; CURRENT FILING DATE: 2002-11-20
 ; NUMBER OF SEQ ID NOS: 982914
 ; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
 ; SEQ ID NO 836832

; LENGTH: 25
 ; TYPE: DNA
 ; ORGANISM: Mus musculus
 US-60-427-808-836832

Query Match 5.9%; Score 17; DB 1; Length 25;
 Best Local Similarity 80.0%; Pred. No. 2.2e+02;
 Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 826 TGTGTCTCTTTCTCTCTGAAGAC 850
 DB 1 TCGTCTCTTTCTACTCTGACTAC 25

RESULT 244
 US-60-427-808-867116
 ; Sequence 867116, Application US/60427808
 ; GENERAL INFORMATION:
 ; APPLICANT: Xue Mei Zhou
 ; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
 ; FILE REFERENCE: 3528
 ; CURRENT APPLICATION NUMBER: US/60/427,808
 ; CURRENT FILING DATE: 2002-11-20
 ; NUMBER OF SEQ ID NOS: 982914
 ; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
 ; SEQ ID NO 867116
 ; LENGTH: 25
 ; TYPE: DNA
 ; ORGANISM: Mus musculus
 US-60-427-808-867116

Query Match 5.9%; Score 17; DB 1; Length 25;
 Best Local Similarity 80.0%; Pred. No. 2.2e+02;
 Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 806 TCCTCCAACTCAGGTTGGCTGTGT 830
 DB 1 TGCCCCAGCTCGTGTGGCTGTGT 25

RESULT 245
 US-60-427-808-894695
 ; Sequence 894695, Application US/60427808
 ; GENERAL INFORMATION:
 ; APPLICANT: Xue Mei Zhou
 ; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
 ; FILE REFERENCE: 3528
 ; CURRENT APPLICATION NUMBER: US/60/427,808
 ; CURRENT FILING DATE: 2002-11-20
 ; NUMBER OF SEQ ID NOS: 982914
 ; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
 ; SEQ ID NO 894695
 ; LENGTH: 25
 ; TYPE: DNA
 ; ORGANISM: Mus musculus
 US-60-427-808-894695

Query Match 5.9%; Score 17; DB 1; Length 25;
 Best Local Similarity 80.0%; Pred. No. 2.2e+02;
 Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 791 TGTGCAAGAGCTCTCTCCCAACT 815
 DB 1 TGGTGACTAAGGCTCACCTCCCAACT 25

RESULT 246
 US-60-427-808-970373
 ; Sequence 970373, Application US/60427808
 ; GENERAL INFORMATION:
 ; APPLICANT: Xue Mei Zhou
 ; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
 ; FILE REFERENCE: 3528


```
; CURRENT APPLICATION NUMBER: US/60/427,808
; CURRENT FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 982914
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 970373
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-60-427-808-970373

Query Match          5.9%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 2.2e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 835 TTTCTCTCTGAAGACAGCGCTCTG 859
DB 1 TTTCTCTCTGACAGCTGGTCTG 25

RESULT 247
US-60-427-836-109528
; Sequence 109528, Application US/60427836
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Rat
; FILE REFERENCE: 3527
; CURRENT APPLICATION NUMBER: US/60/427,836
; CURRENT FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 699466
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 109528
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-60-427-836-109528

Query Match          5.9%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 2.2e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 783 AGCCCTCTGGTGGCAAGAGCTCTC 807
DB 1 AGCCGCTCTACTGACAGAGCTCTC 25

RESULT 248
US-60-427-836-122463/c
; Sequence 122463, Application US/60427836
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Rat
; FILE REFERENCE: 3527
; CURRENT APPLICATION NUMBER: US/60/427,836
; CURRENT FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 699466
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 122463
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-60-427-836-122463

Query Match          5.9%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 2.2e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 857 CTGGCTCCAGTGGACACTTCTCT 881
DB 25 CTGGGACAGTGGCAACTTGTCT 1

RESULT 249
US-60-427-836-253868
; Sequence 253868, Application US/60427836
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Rat
; FILE REFERENCE: 3527
; CURRENT APPLICATION NUMBER: US/60/427,836
; CURRENT FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 699466
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 253868
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-60-427-836-253868

Query Match          5.9%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 2.2e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 760 CCTAGGCTCCACTTCTGAGGCAG 784
DB 1 CCTGAGCTCCACTGCTGAGTGAG 25

RESULT 250
US-60-427-836-274165/c
; Sequence 274165, Application US/60427836
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Rat
; FILE REFERENCE: 3527
; CURRENT APPLICATION NUMBER: US/60/427,836
; CURRENT FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 699466
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 274165
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-60-427-836-274165

Query Match          5.9%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 2.2e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 828 TGTCTCTTTTCTCTCTGAGACAG 852
DB 25 TGTCCTTTTGATCTCTGAGCCAG 1

RESULT 251
US-60-427-836-280417/c
; Sequence 280417, Application US/60427836
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Rat
; FILE REFERENCE: 3527
; CURRENT APPLICATION NUMBER: US/60/427,836
; CURRENT FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 699466
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 280417
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-60-427-836-280417

Query Match          5.9%; Score 17; DB 1; Length 25;
Best Local Similarity 100.0%; Pred. No. 2.2e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 769 CCACTTCTGAGGCAGC 785
DB 1 CCACTTCTGAGGCAGC 785
```



```

; SEQ ID NO 194507
; US-09-869-564-7
; Sequence 7, Application US/09869564
; GENERAL INFORMATION:
; APPLICANT: Markham and Bonthron
; TITLE OF INVENTION: Wound Healing and Orofacial Clefing
; FILE REFERENCE: 59367
; CURRENT APPLICATION NUMBER: US/09/869,564
; CURRENT FILING DATE: 2001-06-29
; PRIOR APPLICATION NUMBER: PCT/GB00/00003
; PRIOR FILING DATE: 2000-01-06
; PRIOR APPLICATION NUMBER: GB9900167.9
; PRIOR FILING DATE: 1999-01-06
; NUMBER OF SEQ ID NOS: 39
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 7
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Oligonucleotide Primer
US-09-869-564-7

Query Match 5.8%; Score 16.8; DB 1; Length 25;
Best Local Similarity 90.0%; Pred. No. 2.3e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 950 CAGAAGAGAGCCAAATTGACT 969
| | | | | | | | | | | | | | | | | | | | |
Db 1 CAGNAGAGCCATATTGACT 20
| | | | | | | | | | | | | | | | | | | | |

RESULT 261
US-09-954-427A-57340/C
; Sequence 57340, Application US/09954427A
; GENERAL INFORMATION:
; APPLICANT: Michael Mittmann
; TITLE OF INVENTION: Methods of Genetic Analysis of the Rat Genome
; FILE REFERENCE: 3112.1
; CURRENT APPLICATION NUMBER: US/09/954,427A
; CURRENT FILING DATE: 2001-09-17
; PRIOR APPLICATION NUMBER: 60/233,166
; PRIOR FILING DATE: 2000-09-18
; NUMBER OF SEQ ID NOS: 420907
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 57340
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus Norvegicus
US-09-954-427A-57340

Query Match 5.8%; Score 16.8; DB 1; Length 25;
Best Local Similarity 90.0%; Pred. No. 2.3e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 793 GTGCCAAGAGCTCTCTCCA 812
| | | | | | | | | | | | | | | | | | | | |
Db 24 GTGCCAAGAGCACTCTCTCCA 5
| | | | | | | | | | | | | | | | | | | | |

RESULT 262
US-09-954-427A-347965
; Sequence 347965, Application US/09954427A
; GENERAL INFORMATION:
; APPLICANT: Michael Mittmann
; TITLE OF INVENTION: Methods of Genetic Analysis of the Rat Genome
; FILE REFERENCE: 3112.1
; CURRENT APPLICATION NUMBER: US/09/954,427A
; CURRENT FILING DATE: 2001-09-17
; PRIOR APPLICATION NUMBER: 60/233,166
; PRIOR FILING DATE: 2000-09-18
; NUMBER OF SEQ ID NOS: 420907
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 347965
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus Norvegicus
US-09-954-427A-347965

Query Match 5.9%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 2.2e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 922 TCACCACACCTCCAGAGATTTT 946
| | | | | | | | | | | | | | | | | | | | |
Db 25 TTACCATTCTCTCCAAAGATTAT 1
| | | | | | | | | | | | | | | | | | | | |

RESULT 258
US-60-470-475-101330
; Sequence 101330, Application US/60470475
; GENERAL INFORMATION:
; APPLICANT: Matsuzaki, Hajime
; APPLICANT: Shen, Mei-Wei
; APPLICANT: Kennedy, Giulia
; TITLE OF INVENTION: Methods for Genotyping Polymorphisms in Humans
; FILE REFERENCE: 3522.1
; CURRENT APPLICATION NUMBER: US/60/470,475
; CURRENT FILING DATE: 2003-05-14
; PRIOR APPLICATION NUMBER: 60/417,190
; PRIOR FILING DATE: 2002-10-08
; NUMBER OF SEQ ID NOS: 124031
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 101330
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-60-470-475-101330

Query Match 5.9%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 2.2e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 828 TGTCTCTTTTCTCTCTAGACAG 852
| | | | | | | | | | | | | | | | | | | | |
Db 1 TCTGCTTTTCTGTCTAAAGACAG 25
| | | | | | | | | | | | | | | | | | | | |

RESULT 259
US-60-475-871-141639/C
; Sequence 141639, Application US/60475871
; GENERAL INFORMATION:
; APPLICANT: Wyeth Research
; APPLICANT: Mounts, William M.
; APPLICANT: Murphy, Ellen M.
; TITLE OF INVENTION: Staphylococcus Aureus Nucleic Acid Arrays
; FILE REFERENCE: AM101085
; CURRENT APPLICATION NUMBER: US/60/475,871
; CURRENT FILING DATE: 2003-06-05
; NUMBER OF SEQ ID NOS: 207175
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 141639
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Staphylococcus aureus
US-60-475-871-141639

Query Match 5.9%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 2.2e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 900 AGCTTCGATCAGATTATCATCA 924
| | | | | | | | | | | | | | | | | | | | |
Db 25 AGCATCTGAGCTCAATTATCATCA 1
| | | | | | | | | | | | | | | | | | | | |

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; SEQ ID NO 347965
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus Norvegicus
US-09-954-427A-347965

Query Match          5.8%; Score 16.8; DB 1; Length 25;
Best Local Similarity 90.0%; Pred. No. 2.3e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 889 ACTTACTTCTCAGCTTCGC 908
|||||
1 ACTATTGTCAGCTTCGC 20

Db

RESULT 263
US-10-098-23624/c
; Sequence 23624, Application US/10098263B
; GENERAL INFORMATION:
; APPLICANT: Mittman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; CURRENT FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 23624
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-23624

Query Match          5.8%; Score 16.8; DB 1; Length 25;
Best Local Similarity 90.0%; Pred. No. 2.3e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 735 TAGGACTTGGTAGGTCCCA 754
|||||
21 TAGGACTTGGTGGGACCCA 2

Db

RESULT 264
US-10-681-773-57753
; Sequence 57753, Application US/10681773
; GENERAL INFORMATION:
; APPLICANT: Matsuzaki, Hajime
; APPLICANT: Mei, Rui
; APPLICANT: Shen, Mei-Mei
; APPLICANT: Kennedy, Giulia
; TITLE OF INVENTION: Methods for Genotyping Polymorphisms in Humans
; FILE REFERENCE: 3522.2
; CURRENT APPLICATION NUMBER: US/10/681,773
; CURRENT FILING DATE: 2003-10-07
; PRIOR APPLICATION NUMBER: 60/470,475
; PRIOR FILING DATE: 2002-05-14
; PRIOR APPLICATION NUMBER: 60/417,190
; PRIOR FILING DATE: 2002-10-08
; NUMBER OF SEQ ID NOS: 124031
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 57753
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-681-773-57753

Query Match          5.8%; Score 16.8; DB 1; Length 25;
Best Local Similarity 90.0%; Pred. No. 2.3e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 833 CTTTCTCTCTCAGACAG 852
|||||

Db

RESULT 267
US-10-719-900-336610
; Sequence 336610, Application US/10719900
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; FILE REFERENCE: 3528.1
; CURRENT APPLICATION NUMBER: US/10/719,900
; CURRENT FILING DATE: 2003-11-20
; PRIOR APPLICATION NUMBER: 60/427,808
; PRIOR FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 982914
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 170848
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-10-719-900-170848

Query Match          5.8%; Score 16.8; DB 1; Length 25;
Best Local Similarity 90.0%; Pred. No. 2.3e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 807 CCTCAACTCAGGTTGGCT 826
|||||
20 CCTCAACGACGAGGTTGGCT 1

Db

RESULT 266
US-10-719-900-170848/c
; Sequence 170848, Application US/10719900
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; FILE REFERENCE: 3528.1
; CURRENT APPLICATION NUMBER: US/10/719,900
; CURRENT FILING DATE: 2003-11-20
; PRIOR APPLICATION NUMBER: 60/427,808
; PRIOR FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 982914
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 170848
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-10-719-900-170848

Query Match          5.8%; Score 16.8; DB 1; Length 25;
Best Local Similarity 90.0%; Pred. No. 2.3e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 833 CTTTCTCTCTCAGACAG 852
|||||
3 CTTTCTCTCTAAGACAG 22

Db

RESULT 265
US-10-681-773-72935
; Sequence 72935, Application US/10681773
; GENERAL INFORMATION:
; APPLICANT: Matsuzaki, Hajime
; APPLICANT: Mei, Rui
; APPLICANT: Shen, Mei-Mei
; APPLICANT: Kennedy, Giulia
; TITLE OF INVENTION: Methods for Genotyping Polymorphisms in Humans
; FILE REFERENCE: 3522.2
; CURRENT APPLICATION NUMBER: US/10/681,773
; CURRENT FILING DATE: 2003-10-07
; PRIOR APPLICATION NUMBER: 60/470,475
; PRIOR FILING DATE: 2002-05-14
; PRIOR APPLICATION NUMBER: 60/417,190
; PRIOR FILING DATE: 2002-10-08
; NUMBER OF SEQ ID NOS: 124031
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 72935
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-681-773-72935

Query Match          5.8%; Score 16.8; DB 1; Length 25;
Best Local Similarity 90.0%; Pred. No. 2.3e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 833 CTTTCTCTCTCAGACAG 852
|||||
3 CTTTCTCTCTAAGACAG 22

Db

RESULT 266
US-10-719-900-170848/c
; Sequence 170848, Application US/10719900
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; FILE REFERENCE: 3528.1
; CURRENT APPLICATION NUMBER: US/10/719,900
; CURRENT FILING DATE: 2003-11-20
; PRIOR APPLICATION NUMBER: 60/427,808
; PRIOR FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 982914
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 170848
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-10-719-900-170848

Query Match          5.8%; Score 16.8; DB 1; Length 25;
Best Local Similarity 90.0%; Pred. No. 2.3e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 807 CCTCAACTCAGGTTGGCT 826
|||||
20 CCTCAACGACGAGGTTGGCT 1

Db

RESULT 267
US-10-719-900-336610
; Sequence 336610, Application US/10719900
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; FILE REFERENCE: 3528.1
; CURRENT APPLICATION NUMBER: US/10/719,900
; CURRENT FILING DATE: 2003-11-20
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; PRIOR APPLICATION NUMBER: 60/427,808
; PRIOR FILING DATE: 2002 11 20
; NUMBER OF SEQ ID NOS: 982914
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 336610
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-10-719-900-336610

Query Match          5.8%; Score 16.8; DB 1; Length 25;
Best Local Similarity 90.0%; Pred. No. 2.3e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 911 TCAGTATATCATCACCACCA 930
    ||||| ||||| ||||| |||||
Db 6 TCAGTATATCATCACCACCA 25

RESULT 268
US-10-719-900-503037
; Sequence 503037, Application US/10719900
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; CURRENT APPLICATION NUMBER: US/10/719,900
; CURRENT FILING DATE: 2003-11-20
; PRIOR APPLICATION NUMBER: 60/427,808
; PRIOR FILING DATE: 2002 11 20
; NUMBER OF SEQ ID NOS: 982914
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 503037
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-10-719-900-503037

Query Match          5.8%; Score 16.8; DB 1; Length 25;
Best Local Similarity 90.0%; Pred. No. 2.3e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 955 AGAGCCAAATGACTCTCTA 974
    ||||| ||||| ||||| |||||
Db 4 AGAGCCACATTGACTCGCTA 23

RESULT 269
US-10-719-900-643475
; Sequence 643475, Application US/10719900
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; CURRENT APPLICATION NUMBER: US/10/719,900
; CURRENT FILING DATE: 2003-11-20
; PRIOR APPLICATION NUMBER: 60/427,808
; PRIOR FILING DATE: 2002 11 20
; NUMBER OF SEQ ID NOS: 982914
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 643475
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-10-719-900-643475

Query Match          5.8%; Score 16.8; DB 1; Length 25;
Best Local Similarity 90.0%; Pred. No. 2.3e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 818 GGGTGGCTGCTCTCTTTT 837
    ||||| ||||| ||||| |||||
Db 1 GGGTGTCTCTCTCTTTT 20
```

```
RESULT 270
US-10-719-900-698227
; Sequence 698227, Application US/10719900
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; FILE REFERENCE: 3528.1
; CURRENT APPLICATION NUMBER: US/10/719,900
; CURRENT FILING DATE: 2003-11-20
; PRIOR APPLICATION NUMBER: 60/427,808
; PRIOR FILING DATE: 2002 11 20
; NUMBER OF SEQ ID NOS: 982914
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 698227
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-10-719-900-698227

Query Match          5.8%; Score 16.8; DB 1; Length 25;
Best Local Similarity 90.0%; Pred. No. 2.3e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 965 TGACTCTCTAAATCTGGTGT 984
    ||||| ||||| ||||| |||||
Db 2 TGACTCTCTAGATCTGCTGT 21

RESULT 271
US-10-719-900-703092/c
; Sequence 703092, Application US/10719900
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; FILE REFERENCE: 3528.1
; CURRENT APPLICATION NUMBER: US/10/719,900
; CURRENT FILING DATE: 2003-11-20
; PRIOR APPLICATION NUMBER: 60/427,808
; PRIOR FILING DATE: 2002 11 20
; NUMBER OF SEQ ID NOS: 982914
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 703092
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-10-719-900-703092

Query Match          5.8%; Score 16.8; DB 1; Length 25;
Best Local Similarity 90.0%; Pred. No. 2.3e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 871 AACACTTCTCTGAGATGCAC 890
    ||||| ||||| ||||| |||||
Db 20 AACACTTCTGAGATGCAC 1

RESULT 272
US-10-719-900-703466
; Sequence 703466, Application US/10719900
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; FILE REFERENCE: 3528.1
; CURRENT APPLICATION NUMBER: US/10/719,900
; CURRENT FILING DATE: 2003-11-20
; PRIOR APPLICATION NUMBER: 60/427,808
; PRIOR FILING DATE: 2002 11 20
; NUMBER OF SEQ ID NOS: 982914
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 703466
; LENGTH: 25
```



```
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 833 CTTTCTCTCTGAGACAG 852
Db 5 CTTTCTCTCTGAGACAG 24

RESULT 278
US-60-417-190-55925
; Sequence 55925, Application US/60417190
; GENERAL INFORMATION:
; APPLICANT: Giulia Kennedy
; APPLICANT: Hajime Matsuzaki
; APPLICANT: Mei-Mei Shen
; TITLE OF INVENTION: Methods for Genotyping Polymorphisms in Humans
; FILE REFERENCE: 3522
; CURRENT APPLICATION NUMBER: US/60/417,190
; CURRENT FILING DATE: 2002-10-02
; NUMBER OF SEQ ID NOS: 122930
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 55925
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-60-417-190-55925

Query Match 5.8%; Score 16.8; DB 1; Length 25;
Best Local Similarity 90.0%; Pred. No. 2.3e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 833 CTTTCTCTCTGAGACAG 852
Db 3 CTTTCTCTCTGAGACAG 22

RESULT 279
US-60-417-190-55926
; Sequence 55926, Application US/60417190
; GENERAL INFORMATION:
; APPLICANT: Giulia Kennedy
; APPLICANT: Hajime Matsuzaki
; APPLICANT: Mei-Mei Shen
; TITLE OF INVENTION: Methods for Genotyping Polymorphisms in Humans
; FILE REFERENCE: 3522
; CURRENT APPLICATION NUMBER: US/60/417,190
; CURRENT FILING DATE: 2002-10-02
; NUMBER OF SEQ ID NOS: 122930
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 55926
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-60-417-190-55926

Query Match 5.8%; Score 16.8; DB 1; Length 25;
Best Local Similarity 90.0%; Pred. No. 2.3e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 833 CTTTCTCTCTGAGACAG 852
Db 2 CTTTCTCTCTGAGACAG 21

RESULT 280
US-60-427-808-170848/c
; Sequence 170848, Application US/60427808
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; FILE REFERENCE: 3528
; CURRENT APPLICATION NUMBER: US/60/427,808
; CURRENT FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 982914
```

```
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 170848
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-60-427-808-170848

Query Match 5.8%; Score 16.8; DB 1; Length 25;
Best Local Similarity 90.0%; Pred. No. 2.3e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 807 CCTCCAACTCAGGTTGGCT 826
Db 20 CCTCAACCGCAGGTTGGCT 1

RESULT 281
US-60-427-808-336610
; Sequence 336610, Application US/60427808
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; FILE REFERENCE: 3528
; CURRENT APPLICATION NUMBER: US/60/427,808
; CURRENT FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 982914
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 336610
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-60-427-808-336610

Query Match 5.8%; Score 16.8; DB 1; Length 25;
Best Local Similarity 90.0%; Pred. No. 2.3e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 911 TCAGATTATCATCACCACCA 930
Db 6 TCAGTATATCATCACCACCA 25

RESULT 282
US-60-427-808-503037
; Sequence 503037, Application US/60427808
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; FILE REFERENCE: 3528
; CURRENT APPLICATION NUMBER: US/60/427,808
; CURRENT FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 982914
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 503037
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-60-427-808-503037

Query Match 5.8%; Score 16.8; DB 1; Length 25;
Best Local Similarity 90.0%; Pred. No. 2.3e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 955 AGAGCCAAATGTGACTCTCTA 974
Db 4 AGAGCCACATTTGACTCGCTA 23

RESULT 283
US-60-427-808-643475
; Sequence 643475, Application US/60427808
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
```

; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; FILE REFERENCE: 3528
; CURRENT APPLICATION NUMBER: US/60/427,808
; CURRENT FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 982914
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO: 643475
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-60-427-808-643475

Query Match 5.8%; Score 16.8; DB 1; Length 25;
Best Local Similarity 90.0%; Pred. No. 2.3e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 818 GGGTTGGCTGTGCTCTTTT 837
|||||
Db 1 GGGTTGCTCTGCTCTTTT 20

RESULT 284

US-60-427-808-698227
; Sequence 698227, Application US/60427808
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; FILE REFERENCE: 3528
; CURRENT APPLICATION NUMBER: US/60/427,808
; CURRENT FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 982914
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO: 698227
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-60-427-808-698227

Query Match 5.8%; Score 16.8; DB 1; Length 25;
Best Local Similarity 90.0%; Pred. No. 2.3e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 965 TGACTCTCTAAATCTGGTGT 984
|||||
Db 2 TGACTCTCTAGATCGTGT 21

RESULT 285

US-60-427-808-703092/c
; Sequence 703092, Application US/60427808
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; FILE REFERENCE: 3528
; CURRENT APPLICATION NUMBER: US/60/427,808
; CURRENT FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 982914
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO: 703092
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-60-427-808-703092

Query Match 5.8%; Score 16.8; DB 1; Length 25;
Best Local Similarity 90.0%; Pred. No. 2.3e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 871 AACACTTTCCTGAGATGCAC 890
|||||
Db 20 AACACTTTAGTGAATGCAC 1

RESULT 286
US-60-427-808-703466
; Sequence 703466, Application US/60427808
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; FILE REFERENCE: 3528
; CURRENT APPLICATION NUMBER: US/60/427,808
; CURRENT FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 982914
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO: 703466
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-60-427-808-703466

Query Match 5.8%; Score 16.8; DB 1; Length 25;
Best Local Similarity 90.0%; Pred. No. 2.3e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 793 GTCCCAAGAGCTCTCTCCA 812
|||||
Db 1 GTCCCAAGAGCTCTCTCCA 20

RESULT 287

US-60-427-836-30282
; Sequence 30282, Application US/60427836
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Rat
; FILE REFERENCE: 3527
; CURRENT APPLICATION NUMBER: US/60/427,836
; CURRENT FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 699466
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO: 30282
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-60-427-836-30282

Query Match 5.8%; Score 16.8; DB 1; Length 25;
Best Local Similarity 90.0%; Pred. No. 2.3e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 860 GCTCCAGTTGGACACTTTC 879
|||||
Db 5 GCTCCAAATTTGAACACTTTC 24

RESULT 288

US-60-427-836-197599
; Sequence 197599, Application US/60427836
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Rat
; FILE REFERENCE: 3527
; CURRENT APPLICATION NUMBER: US/60/427,836
; CURRENT FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 699466
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO: 197599
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-60-427-836-197599

Query Match 5.8%; Score 16.8; DB 1; Length 25;
Best Local Similarity 90.0%; Pred. No. 2.3e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;


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QY      822 TGGCTGTGTCTCTTTCTTC 841
          |||||
Db       2 TGGCTGTGTCTCTTCTCATC 21

RESULT 289
US-60-427-836-605667/c
; Sequence 605667, Application US/60427836
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Rat
; FILE REFERENCE: 3527
; CURRENT APPLICATION NUMBER: US/60/427,836
; CURRENT FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 699466
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 605667
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-60-427-836-605667

Query Match      5.8%; Score 16.8; DB 1; Length 25;
Best Local Similarity 90.0%; Pred. No. 2.3e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      812 AACTCAGGTTGGCTGTGTC 831
          |||||
Db       21 AACTCAGGCTCGCTGTGTC 2

RESULT 290
US-60-427-836-669530
; Sequence 669530, Application US/60427836
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Rat
; FILE REFERENCE: 3527
; CURRENT APPLICATION NUMBER: US/60/427,836
; CURRENT FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 699466
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 669530
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-60-427-836-669530

Query Match      5.8%; Score 16.8; DB 1; Length 25;
Best Local Similarity 90.0%; Pred. No. 2.3e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      855 TCCTGGCTCCAGTTGGAACA 874
          |||||
Db       2 TCCTGGTTCCCGTTGGAACA 21

RESULT 291
US-60-470-475-57753
; Sequence 57753, Application US/60470475
; GENERAL INFORMATION:
; APPLICANT: Matsuzaki, Hajime
; APPLICANT: Shen, Mei-Mei
; APPLICANT: Kennedy, Giulia
; TITLE OF INVENTION: Methods for Genotyping Polymorphisms in Humans
; FILE REFERENCE: 3522.1
; CURRENT APPLICATION NUMBER: US/60/470,475
; CURRENT FILING DATE: 2003-05-14
; PRIOR APPLICATION NUMBER: 60/417,190
; PRIOR FILING DATE: 2002-10-08
; NUMBER OF SEQ ID NOS: 124031
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 57753
```

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; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-60-470-475-57753

Query Match      5.8%; Score 16.8; DB 1; Length 25;
Best Local Similarity 90.0%; Pred. No. 2.3e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      833 CTTTCTCTCTGAAGACAG 852
          |||||
Db       5 CTTTCTCTCTAAAGACAG 24

RESULT 292
US-60-470-475-72935
; Sequence 72935, Application US/60470475
; GENERAL INFORMATION:
; APPLICANT: Matsuzaki, Hajime
; APPLICANT: Shen, Mei-Mei
; APPLICANT: Kennedy, Giulia
; TITLE OF INVENTION: Methods for Genotyping Polymorphisms in Humans
; FILE REFERENCE: 3522.1
; CURRENT APPLICATION NUMBER: US/60/470,475
; CURRENT FILING DATE: 2003-05-14
; PRIOR APPLICATION NUMBER: 60/417,190
; PRIOR FILING DATE: 2002-10-08
; NUMBER OF SEQ ID NOS: 124031
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 72935
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-60-470-475-72935

Query Match      5.8%; Score 16.8; DB 1; Length 25;
Best Local Similarity 90.0%; Pred. No. 2.3e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      833 CTTTCTCTCTGAAGACAG 852
          |||||
Db       3 CTTTCTCTCTAAAGACAG 22

RESULT 293
US-60-507-511-27841
; Sequence 27841, Application US/60507511
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Mounts, William M
; TITLE OF INVENTION: NUCLEIC ACID ARRAYS FOR DETECTING GENE EXPRESSION ASSOCIATED WITH
; TITLE OF INVENTION: HUMAN OSTEOARTHRITIS AND HUMAN PROTEASES
; FILE REFERENCE: AM 101081
; CURRENT APPLICATION NUMBER: US/60/507,511
; CURRENT FILING DATE: 2003-10-02
; NUMBER OF SEQ ID NOS: 203623
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 27841
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-60-507-511-27841

Query Match      5.8%; Score 16.8; DB 1; Length 25;
Best Local Similarity 90.0%; Pred. No. 2.3e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      790 CTGGTCCCAAGACTCTCTCT 809
          |||||
Db       3 CTGGTCCCAAGAGATGTCTCT 22

RESULT 294
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| QY | 899 | CAGCTTCTCGCATCAGATTATCA | 921 | DB | 2 | CAGCTTCTCGCACCACATGTTCA | 24 |
|---|-----|-------------------------|-----|----|----|-------------------------|----|
| <p>RESULT 299</p> <p>US-09-396-196F-112079/c</p> <p>Sequence 112079, Application US/09396196F</p> <p>GENERAL INFORMATION:</p> <p>APPLICANT: Michael Mittmann</p> <p>APPLICANT: David Mack</p> <p>APPLICANT: David Lockhart</p> <p>APPLICANT: Affymetrix, Inc.</p> <p>TITLE OF INVENTION: Methods of Genetic Analysis</p> <p>FILE REFERENCE: 3101.1</p> <p>CURRENT APPLICATION NUMBER: US/09/396,196F</p> <p>CURRENT FILING DATE: 2001-09-15</p> <p>PRIOR APPLICATION NUMBER: 60/100,678</p> <p>PRIOR FILING DATE: 1998-09-17</p> <p>NUMBER OF SEQ ID NOS: 127806</p> <p>SOFTWARE: FastSeq for Windows Version 4.0</p> <p>SEQ ID NO 112079</p> <p>LENGTH: 25</p> <p>TYPE: DNA</p> <p>ORGANISM: mus musculus</p> <p>US-09-396-196F-112079</p> | | | | | | | |
| <p>Query Match 5.7%; Score 16.6; DB 1; Length 25;</p> <p>Best Local Similarity 82.6%; Pred. No. 2.5e+02;</p> <p>Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;</p> | | | | | | | |
| QY | 899 | CAGCTTCTCGCATCAGATTATCA | 921 | DB | 24 | CAGCTTCTCGCACCACATGTTCA | 24 |
| <p>RESULT 300</p> <p>US-09-396-196G-43511/c</p> <p>Sequence 43511, Application US/09396196G</p> <p>GENERAL INFORMATION:</p> <p>APPLICANT: Michael Mittmann</p> <p>APPLICANT: David Mack</p> <p>APPLICANT: David Lockhart</p> <p>APPLICANT: Affymetrix, Inc.</p> <p>TITLE OF INVENTION: Methods of Genetic Analysis</p> <p>FILE REFERENCE: 3101.1</p> <p>CURRENT APPLICATION NUMBER: US/09/396,196G</p> <p>CURRENT FILING DATE: 1999-09-15</p> <p>PRIOR APPLICATION NUMBER: 60/100,678</p> <p>PRIOR FILING DATE: 1998-09-17</p> <p>NUMBER OF SEQ ID NOS: 127806</p> <p>SOFTWARE: FastSeq for Windows Version 4.0</p> <p>SEQ ID NO 43511</p> <p>LENGTH: 25</p> <p>TYPE: DNA</p> <p>ORGANISM: mus musculus</p> <p>US-09-396-196G-43511</p> | | | | | | | |
| <p>Query Match 5.7%; Score 16.6; DB 1; Length 25;</p> <p>Best Local Similarity 82.6%; Pred. No. 2.5e+02;</p> <p>Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;</p> | | | | | | | |
| QY | 899 | CAGCTTCTCGCATCAGATTATCA | 921 | DB | 24 | CAGCTTCTCGCACCACATGTTCA | 24 |
| <p>RESULT 301</p> <p>US-09-396-196G-48493</p> <p>Sequence 48493, Application US/09396196G</p> <p>GENERAL INFORMATION:</p> <p>APPLICANT: Michael Mittmann</p> <p>APPLICANT: David Mack</p> <p>APPLICANT: David Lockhart</p> <p>APPLICANT: Affymetrix, Inc.</p> <p>TITLE OF INVENTION: Methods of Genetic Analysis</p> <p>FILE REFERENCE: 3102.1</p> <p>CURRENT APPLICATION NUMBER: US/09/660,222</p> <p>CURRENT FILING DATE: 2000-09-12</p> <p>PRIOR APPLICATION NUMBER: 60/164,973</p> <p>PRIOR FILING DATE: 1999-11-11</p> <p>NUMBER OF SEQ ID NOS: 140981</p> <p>SOFTWARE: FastSeq for Windows Version 4.0</p> <p>SEQ ID NO 114409</p> <p>LENGTH: 25</p> <p>TYPE: DNA</p> <p>US-09-396-196G-48493</p> | | | | | | | |
| <p>Query Match 5.7%; Score 16.6; DB 1; Length 25;</p> <p>Best Local Similarity 82.6%; Pred. No. 2.5e+02;</p> <p>Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;</p> | | | | | | | |
| QY | 832 | TCGTTTCTCTCTGAGACAGCG | 854 | DB | 25 | TCGTTTCTCTATCTCGAGGAGCG | 3 |
| <p>RESULT 302</p> <p>US-09-396-196G-112079/c</p> <p>Sequence 112079, Application US/09396196G</p> <p>GENERAL INFORMATION:</p> <p>APPLICANT: Michael Mittmann</p> <p>APPLICANT: David Mack</p> <p>APPLICANT: David Lockhart</p> <p>APPLICANT: Affymetrix, Inc.</p> <p>TITLE OF INVENTION: Methods of Genetic Analysis</p> <p>FILE REFERENCE: 3101.1</p> <p>CURRENT APPLICATION NUMBER: US/09/396,196G</p> <p>CURRENT FILING DATE: 1999-09-15</p> <p>PRIOR APPLICATION NUMBER: 60/100,678</p> <p>PRIOR FILING DATE: 1998-09-17</p> <p>NUMBER OF SEQ ID NOS: 127806</p> <p>SOFTWARE: FastSeq for Windows Version 4.0</p> <p>SEQ ID NO 112079</p> <p>LENGTH: 25</p> <p>TYPE: DNA</p> <p>ORGANISM: mus musculus</p> <p>US-09-396-196G-112079</p> | | | | | | | |
| <p>Query Match 5.7%; Score 16.6; DB 1; Length 25;</p> <p>Best Local Similarity 82.6%; Pred. No. 2.5e+02;</p> <p>Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;</p> | | | | | | | |
| QY | 899 | CAGCTTCTCGCATCAGATTATCA | 921 | DB | 24 | CAGCTTCTCGCACCACATGTTCA | 24 |
| <p>RESULT 303</p> <p>US-09-660-222-114409</p> <p>Sequence 114409, Application US/09660222</p> <p>GENERAL INFORMATION:</p> <p>APPLICANT: Mittmann et al.</p> <p>APPLICANT: Affymetrix, Inc.</p> <p>TITLE OF INVENTION: Methods of Genetic Analysis of Human</p> <p>FILE REFERENCE: 3102.1</p> <p>CURRENT APPLICATION NUMBER: US/09/660,222</p> <p>CURRENT FILING DATE: 2000-09-12</p> <p>PRIOR APPLICATION NUMBER: 60/164,973</p> <p>PRIOR FILING DATE: 1999-11-11</p> <p>NUMBER OF SEQ ID NOS: 140981</p> <p>SOFTWARE: FastSeq for Windows Version 4.0</p> <p>SEQ ID NO 114409</p> <p>LENGTH: 25</p> <p>TYPE: DNA</p> <p>US-09-660-222-114409</p> | | | | | | | |
| <p>Query Match 5.7%; Score 16.6; DB 1; Length 25;</p> <p>Best Local Similarity 82.6%; Pred. No. 2.5e+02;</p> <p>Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;</p> | | | | | | | |
| QY | 899 | CAGCTTCTCGCATCAGATTATCA | 921 | DB | 24 | CAGCTTCTCGCACCACATGTTCA | 24 |

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US-09-954-427-313191/c
; ORGANISM: Homo Sapiens
; PUBLICATION INFORMATION:
; Sequence 313191, Application US/09954427
; DATABASE ACCESSION NUMBER: GenBank J04024
US-09-954-427-313191
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis of the Rat
; TITLE OF INVENTION: Genome
; FILE REFERENCE: 3112
; CURRENT APPLICATION NUMBER: US/09/954,427
; CURRENT FILING DATE: 2001-09-17
; NUMBER OF SEQ ID NOS: 420907
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 313191
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus norvegicus
; PUBLICATION INFORMATION:
; DATABASE ACCESSION NUMBER: GenBank J04024
US-09-954-427-313191
Query Match 5.7%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 2.5e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 915 ATTATCATCACCAACCCCTCCA 937
DB 24 ATCATCATCACCAACCCCTTACA 2
RESULT 307
US-09-954-427-324275
; ORGANISM: Rattus norvegicus
; PUBLICATION INFORMATION:
; Sequence 324275, Application US/09954427
; DATABASE ACCESSION NUMBER: GenBank L27124
US-09-954-427-324275
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis of the Rat
; TITLE OF INVENTION: Genome
; FILE REFERENCE: 3112
; CURRENT APPLICATION NUMBER: US/09/954,427
; CURRENT FILING DATE: 2001-09-17
; NUMBER OF SEQ ID NOS: 420907
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 324275
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus norvegicus
; PUBLICATION INFORMATION:
; DATABASE ACCESSION NUMBER: GenBank L27124
US-09-954-427-324275
Query Match 5.7%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 2.5e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 813 ACTCAGGCTTGGCTGTCTCTT 835
DB 3 ACTCAGGCTTGTCAATGTCTTT 25
RESULT 308
US-09-954-427A-42176
; ORGANISM: Rattus norvegicus
; PUBLICATION INFORMATION:
; Sequence 42176, Application US/09954427A
; DATABASE ACCESSION NUMBER: GenBank J04024
US-09-954-427A-42176
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis of the Rat
; TITLE OF INVENTION: Genome
; FILE REFERENCE: 3112.1
; CURRENT APPLICATION NUMBER: US/09/954,427A
; CURRENT FILING DATE: 2001-09-17
; NUMBER OF SEQ ID NOS: 420907
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 42176
US-09-954-427-313191/c
; ORGANISM: Homo Sapiens
; PUBLICATION INFORMATION:
; Sequence 313191, Application US/09954427
; DATABASE ACCESSION NUMBER: GenBank X15393
US-09-954-427-313191
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis of the Rat
; TITLE OF INVENTION: Genome
; FILE REFERENCE: 3112
; CURRENT APPLICATION NUMBER: US/09/954,427
; CURRENT FILING DATE: 2001-09-17
; NUMBER OF SEQ ID NOS: 420907
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 313191
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus norvegicus
; PUBLICATION INFORMATION:
; DATABASE ACCESSION NUMBER: GenBank J04024
US-09-954-427-313191
Query Match 5.7%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 2.5e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 772 CTTCGAGGCGACCCCTCTGCT 794
DB 3 CTTCGAGGCGACCCCTCTGCT 25
RESULT 304
US-09-953-570A-116413
; ORGANISM: Saccharomyces cerevisiae
; PUBLICATION INFORMATION:
; Sequence 116413, Application US/09953570A
; DATABASE ACCESSION NUMBER: GenBank J04024
US-09-953-570A-116413
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis of the Rat
; TITLE OF INVENTION: Genome
; FILE REFERENCE: 3110.1
; CURRENT APPLICATION NUMBER: US/09/953,570A
; CURRENT FILING DATE: 2001-09-13
; PRIOR APPLICATION NUMBER: 60/232,638
; PRIOR FILING DATE: 2000-09-14
; NUMBER OF SEQ ID NOS: 138410
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 116413
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Saccharomyces cerevisiae
US-09-953-570A-116413
Query Match 5.7%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 2.5e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 791 TGGTGCCAAAGAGCTCTCCCTCAA 813
DB 3 TGGTGCCAAAGAGCTCTCCCTCAA 25
RESULT 305
US-09-954-427-307679/c
; ORGANISM: Rattus norvegicus
; PUBLICATION INFORMATION:
; Sequence 307679, Application US/09954427
; DATABASE ACCESSION NUMBER: GenBank D45862
US-09-954-427-307679
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis of the Rat
; TITLE OF INVENTION: Genome
; FILE REFERENCE: 3112
; CURRENT APPLICATION NUMBER: US/09/954,427
; CURRENT FILING DATE: 2001-09-17
; NUMBER OF SEQ ID NOS: 420907
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 307679
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus norvegicus
; PUBLICATION INFORMATION:
; DATABASE ACCESSION NUMBER: GenBank D45862
US-09-954-427-307679
Query Match 5.7%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 2.5e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 754 AGGGTCCCTAGGCTTCTCTCT 776
DB 25 AGGGTCCATAGGCTTCTCTCT 3
RESULT 306

```

```
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus Norvegicus
US-09-954-427A-42176

Query Match          5.7%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 2.5e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 758 TCCCTAGGCTCCACTTCTGAGG 780
      ||||| || ||||| |||||
Db 2 TCCCTAGCATCCACTTCTGATG 24

RESULT 309
US-09-954-427A-135757
; Sequence 135757, Application US/09954427A
; GENERAL INFORMATION:
; APPLICANT: Michael Mittmann
; TITLE OF INVENTION: Methods of Genetic Analysis of the Rat Genome
; FILE REFERENCE: 3112.1
; CURRENT APPLICATION NUMBER: US/09/954,427A
; CURRENT FILING DATE: 2001-09-17
; PRIOR APPLICATION NUMBER: 60/233,166
; PRIOR FILING DATE: 2000-09-18
; NUMBER OF SEQ ID NOS: 420907
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 135757
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus Norvegicus
US-09-954-427A-135757

Query Match          5.7%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 2.5e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 861 CTCGAGTTGGAACTTTCCTGA 883
      ||||| ||||| |||||
Db 3 CTCGAGTTGAATCACTTTCCTGA 25

RESULT 310
US-09-954-427A-198231/c
; Sequence 198231, Application US/09954427A
; GENERAL INFORMATION:
; APPLICANT: Michael Mittmann
; TITLE OF INVENTION: Methods of Genetic Analysis of the Rat Genome
; FILE REFERENCE: 3112.1
; CURRENT APPLICATION NUMBER: US/09/954,427A
; CURRENT FILING DATE: 2001-09-17
; PRIOR APPLICATION NUMBER: 60/233,166
; PRIOR FILING DATE: 2000-09-18
; NUMBER OF SEQ ID NOS: 420907
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 198231
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus Norvegicus
US-09-954-427A-198231

Query Match          5.7%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 2.5e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 862 TCCAGTTGGAACTTTCCTGAG 884
      ||||| ||||| |||||
Db 25 TCCAGTTGGAGACTTTCCTGAG 3

RESULT 311
US-09-954-427A-251727
; Sequence 251727, Application US/09954427A
; GENERAL INFORMATION:
; APPLICANT: Michael Mittmann
; TITLE OF INVENTION: Methods of Genetic Analysis of the Rat Genome
; FILE REFERENCE: 3112.1
; CURRENT APPLICATION NUMBER: US/09/954,427A
; CURRENT FILING DATE: 2001-09-17
; PRIOR APPLICATION NUMBER: 60/233,166
; PRIOR FILING DATE: 2000-09-18
; NUMBER OF SEQ ID NOS: 420907
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 251727
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus Norvegicus
US-09-954-427A-251727

Query Match          5.7%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 2.5e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 836 TTCTTCTCTGAAGACAGCGTCT 858
      ||||| ||||| |||||
Db 1 TTCTTCTGTGAAGACAGCCACCT 23

RESULT 312
US-09-954-427A-266590
; Sequence 266590, Application US/09954427A
; GENERAL INFORMATION:
; APPLICANT: Michael Mittmann
; TITLE OF INVENTION: Methods of Genetic Analysis of the Rat Genome
; FILE REFERENCE: 3112.1
; CURRENT APPLICATION NUMBER: US/09/954,427A
; CURRENT FILING DATE: 2001-09-17
; PRIOR APPLICATION NUMBER: 60/233,166
; PRIOR FILING DATE: 2000-09-18
; NUMBER OF SEQ ID NOS: 420907
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 266590
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus Norvegicus
US-09-954-427A-266590

Query Match          5.7%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 2.5e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 790 CTGCTGCCAAGAGCTCTCTCCA 812
      ||||| ||||| |||||
Db 1 CTGTTGCCAAAGGCTGTCTCTCCA 23

RESULT 313
US-09-954-427A-320412/c
; Sequence 320412, Application US/09954427A
; GENERAL INFORMATION:
; APPLICANT: Michael Mittmann
; TITLE OF INVENTION: Methods of Genetic Analysis of the Rat Genome
; FILE REFERENCE: 3112.1
; CURRENT APPLICATION NUMBER: US/09/954,427A
; CURRENT FILING DATE: 2001-09-17
; PRIOR APPLICATION NUMBER: 60/233,166
; PRIOR FILING DATE: 2000-09-18
; NUMBER OF SEQ ID NOS: 420907
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 320412
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus Norvegicus
US-09-954-427A-320412

Query Match          5.7%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 2.5e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
Best Local Similarity 82.6%; Pred. No. 2.5e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 790 CTGGTGCCAGAGCTCTCTCTCA 812
   ||| ||| ||| ||| ||| ||| |||
Db 24 CTGCTGACAGAGCTCCCTTCA 2

RESULT 314
US-09-954-427A-404921
; Sequence 404921, Application US/09954427A
; GENERAL INFORMATION:
; APPLICANT: Michael Mittmann
; TITLE OF INVENTION: Methods of Genetic Analysis of the Rat Genome
; FILE REFERENCE: 3112.1
; CURRENT APPLICATION NUMBER: US/09/954,427A
; CURRENT FILING DATE: 2001-09-17
; PRIOR APPLICATION NUMBER: 60/233,166
; PRIOR FILING DATE: 2000-09-18
; NUMBER OF SEQ ID NOS: 420907
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 404921
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus Norvegicus
US-09-954-427A-404921

Query Match 5.7%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 2.5e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 875 CTTTCCTGAGATGCCTACTTTC 897
   ||| ||| ||| ||| ||| ||| |||
Db 3 CTTTCACAGATGCCTGCTTC 25

RESULT 315
US-09-954-445A-28500
; Sequence 28500, Application US/09954445A
; GENERAL INFORMATION:
; APPLICANT: Mittmann, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Arabidopsis Thaliana
; FILE REFERENCE: 3116.1
; CURRENT APPLICATION NUMBER: US/09/954,445A
; CURRENT FILING DATE: 2000-09-17
; PRIOR APPLICATION NUMBER: 60/233,620
; PRIOR FILING DATE: 2000-09-18
; NUMBER OF SEQ ID NOS: 131820
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 28500
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Arabidopsis thaliana
US-09-954-445A-28500

Query Match 5.7%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 2.5e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 823 GGCTGTCTCTTTTCTCTCTG 845
   ||| ||| ||| ||| ||| ||| |||
Db 2 GCGAGTCTCTGCTCTCTCTG 24

RESULT 316
US-09-954-445A-129801/c
; Sequence 129801, Application US/09954445A
; GENERAL INFORMATION:
; APPLICANT: Mittmann, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Arabidopsis Thaliana
; FILE REFERENCE: 3116.1
; CURRENT APPLICATION NUMBER: US/09/954,445A
; CURRENT FILING DATE: 2000-09-17
```

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Best Local Similarity 82.6%; Pred. No. 2.5e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 874 ACTTCTGATGATGCCTACTT 896
   ||| ||| ||| ||| ||| ||| |||
Db 25 ACTTCTGAGCTGTACTTACTT 3

RESULT 317
US-09-956-584-88636
; Sequence 88636, Application US/09956584
; GENERAL INFORMATION:
; APPLICANT: Mittman, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Mus Musculus
; FILE REFERENCE: 3115.1
; CURRENT APPLICATION NUMBER: US/09/956,584
; CURRENT FILING DATE: 2001-09-19
; PRIOR APPLICATION NUMBER: 60/234,017
; PRIOR FILING DATE: 2000-09-20
; NUMBER OF SEQ ID NOS: 605887
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 88636
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-09-956-584-88636

Query Match 5.7%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 2.5e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 725 ACTCTGTCATGAGCTTGCTAG 747
   ||| ||| ||| ||| ||| ||| |||
Db 3 ACTCTGACACAGGACCTGCTG 25

RESULT 318
US-09-956-584-249920/c
; Sequence 249920, Application US/09956584
; GENERAL INFORMATION:
; APPLICANT: Mittman, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Mus Musculus
; FILE REFERENCE: 3115.1
; CURRENT APPLICATION NUMBER: US/09/956,584
; CURRENT FILING DATE: 2001-09-19
; PRIOR APPLICATION NUMBER: 60/234,017
; PRIOR FILING DATE: 2000-09-20
; NUMBER OF SEQ ID NOS: 605887
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 249920
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-09-956-584-249920

Query Match 5.7%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 2.5e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 856 CTTGGCTCCAGTTGGAACACTTT 878
   ||| ||| ||| ||| ||| ||| |||
Db 24 CCGGTCTCCAGGTGGTACTTT 2
```

```
RESULT 319
US-09-956-584-384079
; Sequence 384079, Application US/09956584
; GENERAL INFORMATION:
; APPLICANT: Mittman, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Mus Musculus
; FILE REFERENCE: 3115.1
; CURRENT APPLICATION NUMBER: US/09/956,584
; CURRENT FILING DATE: 2001-09-19
; PRIOR APPLICATION NUMBER: 60/234,017
; PRIOR FILING DATE: 2000-09-20
; NUMBER OF SEQ ID NOS: 605887
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 384079
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-09-956-584-384079
Query Match          5.7%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 2.5e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 825 CTGTGTCCTCTTTCTCTCTGAA 847
    ||||| ||||| ||||| |||||
DB 1 CTGGATCTCTTTACTTCACTGAA 23

RESULT 320
US-09-956-584-454690
; Sequence 454690, Application US/09956584
; GENERAL INFORMATION:
; APPLICANT: Mittman, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Mus Musculus
; FILE REFERENCE: 3115.1
; CURRENT APPLICATION NUMBER: US/09/956,584
; CURRENT FILING DATE: 2001-09-19
; PRIOR APPLICATION NUMBER: 60/234,017
; PRIOR FILING DATE: 2000-09-20
; NUMBER OF SEQ ID NOS: 605887
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 454690
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-09-956-584-454690
Query Match          5.7%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 2.5e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 930 ACCCTCCAGAGAAATTTACGAA 952
    ||||| ||||| ||||| |||||
DB 3 ACCCTCCAGAGATTTCACGTA 25

RESULT 321
US-09-956-584-476191
; Sequence 476191, Application US/09956584
; GENERAL INFORMATION:
; APPLICANT: Mittman, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Mus Musculus
; FILE REFERENCE: 3115.1
; CURRENT APPLICATION NUMBER: US/09/956,584
; CURRENT FILING DATE: 2001-09-19
; PRIOR APPLICATION NUMBER: 60/234,017
; PRIOR FILING DATE: 2000-09-20
; NUMBER OF SEQ ID NOS: 605887
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 476191
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-09-956-584-476191
Query Match          5.7%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 2.5e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 960 CAAATTGACTCTCTAAATCTGTT 982
    ||||| ||||| ||||| |||||
DB 3 CAAATAGACTCTCAAAAGCGGT 25

RESULT 322
US-09-956-584-516736/c
; Sequence 516736, Application US/09956584
; GENERAL INFORMATION:
; APPLICANT: Mittman, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Mus Musculus
; FILE REFERENCE: 3115.1
; CURRENT APPLICATION NUMBER: US/09/956,584
; CURRENT FILING DATE: 2001-09-19
; PRIOR APPLICATION NUMBER: 60/234,017
; PRIOR FILING DATE: 2000-09-20
; NUMBER OF SEQ ID NOS: 605887
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 516736
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-09-956-584-516736
Query Match          5.7%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 2.5e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 953 GAAGACCCAAATGACTCTCTAA 975
    ||||| ||||| ||||| |||||
DB 23 GGAGAGACCCATTGACTCTCTAA 1

RESULT 323
US-09-956-604-73211/c
; Sequence 73211, Application US/09956604
; GENERAL INFORMATION:
; APPLICANT: Mittman, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Escherichia coli
; FILE REFERENCE: 3117.1
; CURRENT APPLICATION NUMBER: US/09/956,604
; CURRENT FILING DATE: 2001-09-19
; PRIOR APPLICATION NUMBER: 60/234,049
; PRIOR FILING DATE: 2000-09-19
; NUMBER OF SEQ ID NOS: 141629
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 73211
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Escherichia coli
US-09-956-604-73211
Query Match          5.7%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 2.5e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 825 CTGTGTCCTTTCTCTCTGAA 847
    ||||| ||||| ||||| |||||
DB 25 CTGTGTCCTTTCTCTCGTAAA 3

RESULT 324
US-09-956-604A-73211/c
; Sequence 73211, Application US/09956604A
; GENERAL INFORMATION:
```

APPLICANT: Mittmann, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Escherichia coli
; FILE REFERENCE: 3117.1
; CURRENT APPLICATION NUMBER: US/09/956,604A
; CURRENT FILING DATE: 2001-09-19
; PRIOR APPLICATION NUMBER: 60/234,049
; PRIOR FILING DATE: 2000-09-19
; NUMBER OF SEQ ID NOS: 141629
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 73211
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Escherichia coli
US-09-956-604A-73211

Query Match 5.7%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 2.5e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 825 CTGTGCTCTTTCTCTCTGAA 847
|||
DB 25 CTGTGCTCTTTCTCTGATAA 3

RESULT 325
US-09-956-604B-73211/c
; Sequence 73211, Application US/09956604B
; GENERAL INFORMATION:
; APPLICANT: Mittmann, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Escherichia coli
; FILE REFERENCE: 3117.1
; CURRENT APPLICATION NUMBER: US/09/956,604B
; CURRENT FILING DATE: 2001-09-19
; PRIOR APPLICATION NUMBER: 60/234,049
; PRIOR FILING DATE: 2000-09-19
; NUMBER OF SEQ ID NOS: 141629
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 73211
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Escherichia coli
US-09-956-604B-73211

Query Match 5.7%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 2.5e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 825 CTGTGCTCTTTCTCTCTGAA 847
|||
DB 25 CTGTGCTCTTTCTCTGATAA 3

RESULT 326
US-10-098-263B-71746
; Sequence 71746, Application US/10098263B
; GENERAL INFORMATION:
; APPLICANT: Mittman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; CURRENT FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 71746
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-71746

Query Match 5.7%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 2.5e+02;

Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 967 ACTCTTAATCTGGTATGGG 989
|||
DB 1 ACTCCCTACGTCGTGTATCGG 23

RESULT 327
US-10-355-577-336408/c
; Sequence 336408, Application US/10355577
; GENERAL INFORMATION:
; APPLICANT: Mittmann, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Probes: HG-U133
; FILE REFERENCE: 3121
; CURRENT APPLICATION NUMBER: US/10/355,577
; CURRENT FILING DATE: 2003-01-31
; NUMBER OF SEQ ID NOS: 997516
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 336408
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-355-577-336408

Query Match 5.7%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 2.5e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 838 CTCTCTGAAGACAGCTCTCTGG 860
|||
DB 24 CTCTCTGAAGACAGCTCTCTGG 2

RESULT 328
US-10-355-577-542290/c
; Sequence 542290, Application US/10355577
; GENERAL INFORMATION:
; APPLICANT: Mittmann, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Probes: HG-U133
; FILE REFERENCE: 3121
; CURRENT APPLICATION NUMBER: US/10/355,577
; CURRENT FILING DATE: 2003-01-31
; NUMBER OF SEQ ID NOS: 997516
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 542290
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-355-577-542290

Query Match 5.7%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 2.5e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 799 AGAGCTCTCTCCAACTCAGGGT 821
|||
DB 24 AGACCTTCTCTCCGACTGAGGT 2

RESULT 329
US-10-355-577-566071/c
; Sequence 566071, Application US/10355577
; GENERAL INFORMATION:
; APPLICANT: Mittmann, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Probes: HG-U133
; FILE REFERENCE: 3121
; CURRENT APPLICATION NUMBER: US/10/355,577
; CURRENT FILING DATE: 2003-01-31
; NUMBER OF SEQ ID NOS: 997516
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 566071
; LENGTH: 25
; TYPE: DNA


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; ORGANISM: Homo sapien
US-10-355-577-566071

Query Match          5.7%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 2.5e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 804 TCTCTCCAACTCAGGGTTGGCT 826
      |||||
Db 24 TCTCTCTACTCAGCGTGCCT 2

RESULT 330
US-10-355-577-764004/c
; Sequence 764004, Application US/10355577
; GENERAL INFORMATION:
; APPLICANT: Mittmann, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Probes: HG-U133
; FILE REFERENCE: 3121
; CURRENT APPLICATION NUMBER: US/10/355,577
; CURRENT FILING DATE: 2003-01-31
; NUMBER OF SEQ ID NOS: 997516
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 764004
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-355-577-764004

Query Match          5.7%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 2.5e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 952 AGAAGGCCAAATGACTCTCTA 974
      |||||
Db 23 AGAAGGCCAAATGGGCTCTCTA 1

RESULT 331
US-10-355-577-773414
; Sequence 773414, Application US/10355577
; GENERAL INFORMATION:
; APPLICANT: Mittmann, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Probes: HG-U133
; FILE REFERENCE: 3121
; CURRENT APPLICATION NUMBER: US/10/355,577
; CURRENT FILING DATE: 2003-01-31
; NUMBER OF SEQ ID NOS: 997516
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 773414
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-355-577-773414

Query Match          5.7%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 2.5e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 820 GTTGCTGTCTCTTTCTTCT 842
      |||||
Db 3 GTTACCAGTGTCTTTACTTCT 25

RESULT 332
US-10-355-577-781427
; Sequence 781427, Application US/10355577
; GENERAL INFORMATION:
; APPLICANT: Mittmann, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Probes: HG-U133
; FILE REFERENCE: 3121
; CURRENT APPLICATION NUMBER: US/10/355,577
; CURRENT FILING DATE: 2003-01-31

; NUMBER OF SEQ ID NOS: 997516
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 831405
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-355-577-831405

Query Match          5.7%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 2.5e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 965 TGACTCTCTAAATCTGGTGATG 987
      |||||
Db 3 TGACCTTCAAAATCTTGATG 25

RESULT 333
US-10-355-577-831405/c
; Sequence 831405, Application US/10355577
; GENERAL INFORMATION:
; APPLICANT: Mittmann, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Probes: HG-U133
; FILE REFERENCE: 3121
; CURRENT APPLICATION NUMBER: US/10/355,577
; CURRENT FILING DATE: 2003-01-31
; NUMBER OF SEQ ID NOS: 997516
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 831405
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-355-577-831405

Query Match          5.7%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 2.5e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 768 TCCACTTCTGAGGCGCCCTC 790
      |||||
Db 25 TCCAGCTCTTAGTGGCGCCCTC 3

RESULT 334
US-10-355-577-831406/c
; Sequence 831406, Application US/10355577
; GENERAL INFORMATION:
; APPLICANT: Mittmann, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Probes: HG-U133
; FILE REFERENCE: 3121
; CURRENT APPLICATION NUMBER: US/10/355,577
; CURRENT FILING DATE: 2003-01-31
; NUMBER OF SEQ ID NOS: 997516
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 831406
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-355-577-831406

Query Match          5.7%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 2.5e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 768 TCCACTTCTGAGGCGCCCTC 790
      |||||
Db 25 TCCAGCTCTTAGTGGCGCCCTC 3

RESULT 335
US-10-355-577-834586
; Sequence 834586, Application US/10355577
; GENERAL INFORMATION:
```

```
; APPLICANT: Mittmann, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Probes: HG-U133
; FILE REFERENCE: 3121
; CURRENT APPLICATION NUMBER: US/10/355,577
; CURRENT FILING DATE: 2003-01-31
; NUMBER OF SEQ ID NOS: 997516
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 834586
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-355-577-834586
```

```
Query Match 5.7%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 2.5e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
Qy 748 GGTCCAGGTCCTAGCCCTCC 770
Db 3 GGACCCAGAGTCCTAGAACTCC 25
```

```
RESULT 336
US-10-681-773-18623/c
; Sequence 18623, Application US/10681773
; GENERAL INFORMATION:
; APPLICANT: Matsuzaki, Hajime
; APPLICANT: Mei, Rui
; APPLICANT: Shen, Mei-Mei
; APPLICANT: Kennedy, Giulia
; TITLE OF INVENTION: Methods for Genotyping Polymorphisms in Humans
; FILE REFERENCE: 3522.2
; CURRENT APPLICATION NUMBER: US/10/681,773
; CURRENT FILING DATE: 2003-10-07
; PRIOR APPLICATION NUMBER: 60/470,475
; PRIOR FILING DATE: 2002-05-14
; PRIOR APPLICATION NUMBER: 60/417,190
; PRIOR FILING DATE: 2002-10-08
; NUMBER OF SEQ ID NOS: 124031
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 18623
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-681-773-18623
```

```
Query Match 5.7%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 2.5e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
Qy 873 CACTTCTCGAGTCGCACTTACT 895
Db 23 CATTTCCTGACATGCTCTTCT 1
```

```
RESULT 337
US-10-681-773-91052/c
; Sequence 91052, Application US/10681773
; GENERAL INFORMATION:
; APPLICANT: Matsuzaki, Hajime
; APPLICANT: Mei, Rui
; APPLICANT: Shen, Mei-Mei
; APPLICANT: Kennedy, Giulia
; TITLE OF INVENTION: Methods for Genotyping Polymorphisms in Humans
; FILE REFERENCE: 3522.2
; CURRENT APPLICATION NUMBER: US/10/681,773
; CURRENT FILING DATE: 2003-10-07
; PRIOR APPLICATION NUMBER: 60/470,475
; PRIOR FILING DATE: 2002-05-14
; PRIOR APPLICATION NUMBER: 60/417,190
; PRIOR FILING DATE: 2002-10-08
; NUMBER OF SEQ ID NOS: 124031
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
```

```
; SEQ ID NO 91052
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-681-773-91052
```

```
Query Match 5.7%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 2.5e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
Qy 873 CACTTCTCGAGTCGCACTTACT 895
Db 24 CATTTCCTGACATGCTCTTCT 2
```

```
RESULT 338
US-10-681-773-123764
; Sequence 123764, Application US/10681773
; GENERAL INFORMATION:
; APPLICANT: Matsuzaki, Hajime
; APPLICANT: Mei, Rui
; APPLICANT: Shen, Mei-Mei
; APPLICANT: Kennedy, Giulia
; TITLE OF INVENTION: Methods for Genotyping Polymorphisms in Humans
; FILE REFERENCE: 3522.2
; CURRENT APPLICATION NUMBER: US/10/681,773
; CURRENT FILING DATE: 2003-10-07
; PRIOR APPLICATION NUMBER: 60/470,475
; PRIOR FILING DATE: 2002-05-14
; PRIOR APPLICATION NUMBER: 60/417,190
; PRIOR FILING DATE: 2002-10-08
; NUMBER OF SEQ ID NOS: 124031
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 123764
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-681-773-123764
```

```
Query Match 5.7%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 2.5e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
Qy 958 GCCAAATTCAGTCTCTTAATCTG 980
Db 3 GCCAAATTCAGTCTCTTCAACTG 25
```

```
RESULT 339
US-10-719-900-44651
; Sequence 44651, Application US/10719900
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; FILE REFERENCE: 3528.1
; CURRENT APPLICATION NUMBER: US/10/719,900
; CURRENT FILING DATE: 2003-11-20
; PRIOR APPLICATION NUMBER: 60/427,808
; PRIOR FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 982914
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 44651
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-10-719-900-44651
```

```
Query Match 5.7%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 2.5e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
Qy 871 AACACTTCTCGAGTCGCACTTA 893
Db 23 CATTTCCTGACATGCTCTTCT 1
```

```
Db 1 AAGACACTCCTGAGTGCACCTGA 23
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-10-719-900-378565

Query Match 5.7%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 2.5e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 788 CTCGTGTCACAGAGCTCTCTC 810
| | | | | | | | | | | | | | |
Db 1 CTCGTGTTATTAAGAGCTCTGCTC 23
| | | | | | | | | | | | | | |

RESULT 343
US-10-719-900-445276
; Sequence 445276, Application US/10719900
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; FILE REFERENCE: 3528.1
; CURRENT APPLICATION NUMBER: US/10/719,900
; CURRENT FILING DATE: 2003-11-20
; PRIOR APPLICATION NUMBER: 60/427,808
; PRIOR FILING DATE: 2002 11 20
; NUMBER OF SEQ ID NOS: 982914
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 445276
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-10-719-900-445276

Query Match 5.7%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 2.5e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 813 ACTCAGGGTTGGCTGTCTCTT 835
| | | | | | | | | | | | | | |
Db 2 ACACAGGGTTGATTGTTCTT 24
| | | | | | | | | | | | | | |

RESULT 344
US-10-719-900-445277
; Sequence 445277, Application US/10719900
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; FILE REFERENCE: 3528.1
; CURRENT APPLICATION NUMBER: US/10/719,900
; CURRENT FILING DATE: 2003-11-20
; PRIOR APPLICATION NUMBER: 60/427,808
; PRIOR FILING DATE: 2002 11 20
; NUMBER OF SEQ ID NOS: 982914
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 445277
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-10-719-900-445277

Query Match 5.7%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 2.5e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 813 ACTCAGGGTTGGCTGTCTCTT 835
| | | | | | | | | | | | | | |
Db 2 ACACAGGGTTGATTGTTCTT 24
| | | | | | | | | | | | | | |

RESULT 345
US-10-719-900-464826/c
; Sequence 464826, Application US/10719900
```

```
Db 1 AAGACACTCCTGAGTGCACCTGA 23
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-10-719-900-378565

Query Match 5.7%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 2.5e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 788 CTCGTGTCACAGACTTTCCTGAG 884
| | | | | | | | | | | | | | |
Db 3 TCCAGCTGTATCATTTTCCTGAG 25
| | | | | | | | | | | | | | |

RESULT 341
US-10-719-900-297967
; Sequence 297967, Application US/10719900
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; FILE REFERENCE: 3528.1
; CURRENT APPLICATION NUMBER: US/10/719,900
; CURRENT FILING DATE: 2003-11-20
; PRIOR APPLICATION NUMBER: 60/427,808
; PRIOR FILING DATE: 2002 11 20
; NUMBER OF SEQ ID NOS: 982914
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 297967
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-10-719-900-297967

Query Match 5.7%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 2.5e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 810 CCAACTCAGGGTTGGCTGTCTCT 832
| | | | | | | | | | | | | | |
Db 1 CAAGCTCCGGTTGGCTGTGCT 23
| | | | | | | | | | | | | | |

RESULT 342
US-10-719-900-378565
; Sequence 378565, Application US/10719900
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; FILE REFERENCE: 3528.1
; CURRENT APPLICATION NUMBER: US/10/719,900
; CURRENT FILING DATE: 2003-11-20
; PRIOR APPLICATION NUMBER: 60/427,808
; PRIOR FILING DATE: 2002 11 20
; NUMBER OF SEQ ID NOS: 982914
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 378565
```

```

; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; FILE REFERENCE: 3528.1
; CURRENT APPLICATION NUMBER: US/10/719,900
; CURRENT FILING DATE: 2003-11-20
; PRIOR APPLICATION NUMBER: 60/427,808
; PRIOR FILING DATE: 2002 11 20
; NUMBER OF SEQ ID NOS: 982914
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 464826
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-10-719-900-464826

Query Match
Best Local Similarity 5.7%; Score 16.6; DB 1; Length 25;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 934 TCAGAGATTTCGCAAGAG 956
Db 25 TTCAGAGATTTCAGAAAGAG 3

RESULT 346
US-10-719-900-730301
; Sequence 730301, Application US/10719900
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; FILE REFERENCE: 3528.1
; CURRENT APPLICATION NUMBER: US/10/719,900
; CURRENT FILING DATE: 2003-11-20
; PRIOR APPLICATION NUMBER: 60/427,808
; PRIOR FILING DATE: 2002 11 20
; NUMBER OF SEQ ID NOS: 982914
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 730301
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-10-719-900-730301

Query Match
Best Local Similarity 5.7%; Score 16.6; DB 1; Length 25;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 903 TTCTGGATCAGATTATCATCAC 925
Db 2 TTCTGGATCAGCTTACCAAGAC 24

RESULT 347
US-10-719-900-824645
; Sequence 824645, Application US/10719900
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; FILE REFERENCE: 3528.1
; CURRENT APPLICATION NUMBER: US/10/719,900
; CURRENT FILING DATE: 2003-11-20
; PRIOR APPLICATION NUMBER: 60/427,808
; PRIOR FILING DATE: 2002 11 20
; NUMBER OF SEQ ID NOS: 982914
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 824645
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-10-719-900-824645

Query Match
Best Local Similarity 5.7%; Score 16.6; DB 1; Length 25;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 903 TTCTGGATCAGATTATCATCAC 925
Db 2 TTCTGGATCAGCTTACCAAGAC 24

RESULT 348
US-10-719-900-946474
; Sequence 946474, Application US/10719900
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; FILE REFERENCE: 3528.1
; CURRENT APPLICATION NUMBER: US/10/719,900
; CURRENT FILING DATE: 2003-11-20
; PRIOR APPLICATION NUMBER: 60/427,808
; PRIOR FILING DATE: 2002 11 20
; NUMBER OF SEQ ID NOS: 982914
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 946474
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-10-719-900-946474

Query Match
Best Local Similarity 5.7%; Score 16.6; DB 1; Length 25;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 844 TGRAGACAGCTCTCGCTCCAG 866
Db 2 TGAAGTCAGAGTCTCGCTCCGG 24

RESULT 349
US-10-719-956-28712
; Sequence 28712, Application US/10719956
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Rat
; FILE REFERENCE: 3527.1
; CURRENT APPLICATION NUMBER: US/10/719,956
; CURRENT FILING DATE: 2003-11-20
; PRIOR APPLICATION NUMBER: 60/427,836
; PRIOR FILING DATE: 2002 11 20
; NUMBER OF SEQ ID NOS: 699466
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 28712
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-10-719-956-28712

Query Match
Best Local Similarity 5.7%; Score 16.6; DB 1; Length 25;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 812 AACTCAGGTTGGCTGTCTCT 834
Db 1 AACTCAGGTTGGAAGTCTCTGT 23

RESULT 350
US-10-719-956-82183
; Sequence 82183, Application US/10719956
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Rat
; FILE REFERENCE: 3527.1
; CURRENT APPLICATION NUMBER: US/10/719,956
; CURRENT FILING DATE: 2003-11-20

```

```
; PRIOR APPLICATION NUMBER: 60/427,836
; PRIOR FILING DATE: 2002 11 20
; NUMBER OF SEQ ID NOS: 699466
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 82183
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-10-719-956-82183

Query Match          5.7%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 2.5e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 924 ACCACCCCTCCAGAGATTTT 946
    |||||
Db 1 ACCACCGCTCCAGAGGACTTT 23

RESULT 351
US-10-719-956-91406
; Sequence 91406, Application US/10719956
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Rat
; FILE REFERENCE: 3527.1
; CURRENT APPLICATION NUMBER: US/10/719,956
; CURRENT FILING DATE: 2003-11-20
; PRIOR APPLICATION NUMBER: 60/427,836
; PRIOR FILING DATE: 2002 11 20
; NUMBER OF SEQ ID NOS: 699466
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 91406
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-10-719-956-91406

Query Match          5.7%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 2.5e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 764 GGCCTCCACTTCTGAGGCGAGCC 786
    |||||
Db 3 GTCCTCCATTGTGAGAGCAGCC 25

RESULT 352
US-10-719-956-253106
; Sequence 253106, Application US/10719956
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Rat
; FILE REFERENCE: 3527.1
; CURRENT APPLICATION NUMBER: US/10/719,956
; CURRENT FILING DATE: 2003-11-20
; PRIOR APPLICATION NUMBER: 60/427,836
; PRIOR FILING DATE: 2002 11 20
; NUMBER OF SEQ ID NOS: 699466
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 253106
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-10-719-956-253106

Query Match          5.7%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 2.5e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 925 CCACCCCTCCAGAGATTTTA 947
    |||||
Db 1 CCTCTCCCTCCAGAGATATTA 23

; PRIOR APPLICATION NUMBER: 60/427,836
; PRIOR FILING DATE: 2002 11 20
; NUMBER OF SEQ ID NOS: 699466
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 82183
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-10-719-956-418861

Query Match          5.7%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 2.5e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 812 AACTCAGGCTTGCCTGCTCTCT 834
    |||||
Db 3 AAGTCAGGCTCTGCTGCTCTCT 25

RESULT 353
US-10-719-956-418861
; Sequence 418861, Application US/10719956
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Rat
; FILE REFERENCE: 3527.1
; CURRENT APPLICATION NUMBER: US/10/719,956
; CURRENT FILING DATE: 2003-11-20
; PRIOR APPLICATION NUMBER: 60/427,836
; PRIOR FILING DATE: 2002 11 20
; NUMBER OF SEQ ID NOS: 699466
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 418861
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-10-719-956-418861

Query Match          5.7%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 2.5e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 765 GCCTCCACTTCTGAGGCGAGCC 787
    |||||
Db 23 GGCTCTACTTCTAAGGCGAGGCC 1

RESULT 355
US-10-719-956-494257
; Sequence 494257, Application US/10719956
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Rat
; FILE REFERENCE: 3527.1
; CURRENT APPLICATION NUMBER: US/10/719,956
; CURRENT FILING DATE: 2003-11-20
; PRIOR APPLICATION NUMBER: 60/427,836
; PRIOR FILING DATE: 2002 11 20
; NUMBER OF SEQ ID NOS: 699466
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 494257
; LENGTH: 25
```



```
; PUBLICATION INFORMATION:
; DATABASE ACCESSION NUMBER: GenBank L27124
US-60-233-166-324275

Query Match          5.7%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 2.5e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 813 ACTCAGGTTGGCTGTGCTCTTT 835
      ||||| ||||| ||||| |||||
Db 3 ACTCAGGTTGTCATGTCCTTT 25

RESULT 361
US-60-233-620-28500
; Sequence 28500, Application US/60233620
; GENERAL INFORMATION:
; APPLICANT: Mittmann
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis of
; TITLE OF INVENTION: Arabidopsis thaliana
; FILE REFERENCE: 3116
; CURRENT APPLICATION NUMBER: US/60/233,620
; CURRENT FILING DATE: 2000-10-24
; NUMBER OF SEQ ID NOS: 131820
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 28500
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Arabidopsis thaliana
; PUBLICATION INFORMATION:
; DATABASE ACCESSION NUMBER: GenBank AC007067
US-60-233-620-28500

Query Match          5.7%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 2.5e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 823 GGCTGTGCTCTTTTCTCTCTG 845
      ||||| ||||| ||||| |||||
Db 2 GGCAGTCTCTGCTCTCTCTG 24

RESULT 362
US-60-233-620-129801/c
; Sequence 129801, Application US/60233620
; GENERAL INFORMATION:
; APPLICANT: Mittmann
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis of
; TITLE OF INVENTION: Arabidopsis thaliana
; FILE REFERENCE: 3116
; CURRENT APPLICATION NUMBER: US/60/233,620
; CURRENT FILING DATE: 2000-10-24
; NUMBER OF SEQ ID NOS: 131820
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 129801
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Arabidopsis thaliana
; PUBLICATION INFORMATION:
; DATABASE ACCESSION NUMBER: GenBank Z99708
US-60-233-620-129801

Query Match          5.7%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 2.5e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 874 ACTTCTCAGATGCACCTACTT 896
      ||||| ||||| ||||| |||||
Db 25 ACTTCTCAGCTGTACTTACTT 3

; PUBLICATION INFORMATION:
; Sequence 106011, Application US/60234017
; GENERAL INFORMATION:
; APPLICANT: Mittmann, M
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis of Mus
; TITLE OF INVENTION: musculus
; FILE REFERENCE: 3115
; CURRENT APPLICATION NUMBER: US/60/234,017
; CURRENT FILING DATE: 2000-09-20
; NUMBER OF SEQ ID NOS: 605887
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 106011
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
; PUBLICATION INFORMATION:
; DATABASE ACCESSION NUMBER: GenBank AW125849
US-60-234-017-106011

Query Match          5.7%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 2.5e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 725 ACTCTGCTCATAGGACTTGCTAG 747
      ||||| ||||| ||||| |||||
Db 3 ACTCTGACACAGGACCTGCTG 25

RESULT 364
US-60-234-017-200879/c
; Sequence 200879, Application US/60234017
; GENERAL INFORMATION:
; APPLICANT: Mittmann, M
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis of Mus
; TITLE OF INVENTION: musculus
; FILE REFERENCE: 3115
; CURRENT APPLICATION NUMBER: US/60/234,017
; CURRENT FILING DATE: 2000-09-20
; NUMBER OF SEQ ID NOS: 605887
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 200879
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
; PUBLICATION INFORMATION:
; DATABASE ACCESSION NUMBER: GenBank AA790247
US-60-234-017-200879

Query Match          5.7%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 2.5e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 856 CCGGCTCCAGTTGGAACACTTT 878
      ||||| ||||| ||||| |||||
Db 24 CCGGCTCCAGTTGGAACACTTT 2

RESULT 365
US-60-234-017-332790
; Sequence 332790, Application US/60234017
; GENERAL INFORMATION:
; APPLICANT: Mittmann, M
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis of Mus
; TITLE OF INVENTION: musculus
; FILE REFERENCE: 3115
; CURRENT APPLICATION NUMBER: US/60/234,017
; CURRENT FILING DATE: 2000-09-20
; NUMBER OF SEQ ID NOS: 605887
; SOFTWARE: FastSeq for Windows Version 4.0
```

```
; SEQ ID NO 332790
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
; PUBLICATION INFORMATION:
; DATABASE ACCESSION NUMBER: GenBank AA711676
US-60-234-017-332790

Query Match          5.7%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 2.5e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 825 CTGTGTCCTTTCTCTCTGAA 847
||| ||||| ||||| ||||| |||||
Db 1 CTGGATCTCTTACTTCACTGAA 23

RESULT 366
US-60-234-017-428952
; Sequence 428952, Application US/60234017
; GENERAL INFORMATION:
; APPLICANT: Mittmann, M
; TITLE OF INVENTION: Methods of Genetic Analysis of Mus
; TITLE OF INVENTION: musculus
; FILE REFERENCE: 3115
; CURRENT APPLICATION NUMBER: US/60/234,017
; CURRENT FILING DATE: 2000-09-20
; NUMBER OF SEQ ID NOS: 605887
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 428952
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
; PUBLICATION INFORMATION:
; DATABASE ACCESSION NUMBER: GenBank AV166460
US-60-234-017-428952

Query Match          5.7%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 2.5e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 930 ACCCTCCAGAGATTTTACGCA 952
||| ||||| ||||| ||||| |||||
Db 3 ACCCTCCAGAGATTTCACGTA 25

RESULT 367
US-60-234-017-475410/c
; Sequence 475410, Application US/60234017
; GENERAL INFORMATION:
; APPLICANT: Mittmann, M
; TITLE OF INVENTION: Methods of Genetic Analysis of Mus
; TITLE OF INVENTION: musculus
; FILE REFERENCE: 3115
; CURRENT APPLICATION NUMBER: US/60/234,017
; CURRENT FILING DATE: 2000-09-20
; NUMBER OF SEQ ID NOS: 605887
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 475410
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
; PUBLICATION INFORMATION:
; DATABASE ACCESSION NUMBER: GenBank AI507346
US-60-234-017-475410

Query Match          5.7%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 2.5e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 953 GAAGAGCCAAATTGACTCTCTAA 975
||| ||||| ||||| ||||| |||||

; SEQ ID NO 332790
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
; PUBLICATION INFORMATION:
; DATABASE ACCESSION NUMBER: GenBank AA711676
US-60-234-017-332790

Query Match          5.7%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 2.5e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 825 CTGTGTCCTTTCTCTCTGAA 847
||| ||||| ||||| ||||| |||||
Db 1 CTGGATCTCTTACTTCACTGAA 23

RESULT 366
US-60-234-017-428952
; Sequence 428952, Application US/60234017
; GENERAL INFORMATION:
; APPLICANT: Mittmann, M
; TITLE OF INVENTION: Methods of Genetic Analysis of Mus
; TITLE OF INVENTION: musculus
; FILE REFERENCE: 3115
; CURRENT APPLICATION NUMBER: US/60/234,017
; CURRENT FILING DATE: 2000-09-20
; NUMBER OF SEQ ID NOS: 605887
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 428952
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
; PUBLICATION INFORMATION:
; DATABASE ACCESSION NUMBER: GenBank AV166460
US-60-234-017-428952

Query Match          5.7%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 2.5e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 930 ACCCTCCAGAGATTTTACGCA 952
||| ||||| ||||| ||||| |||||
Db 3 ACCCTCCAGAGATTTCACGTA 25

RESULT 367
US-60-234-017-475410/c
; Sequence 475410, Application US/60234017
; GENERAL INFORMATION:
; APPLICANT: Mittmann, M
; TITLE OF INVENTION: Methods of Genetic Analysis of Mus
; TITLE OF INVENTION: musculus
; FILE REFERENCE: 3115
; CURRENT APPLICATION NUMBER: US/60/234,017
; CURRENT FILING DATE: 2000-09-20
; NUMBER OF SEQ ID NOS: 605887
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 475410
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
; PUBLICATION INFORMATION:
; DATABASE ACCESSION NUMBER: GenBank AI507346
US-60-234-017-475410

Query Match          5.7%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 2.5e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 953 GAAGAGCCAAATTGACTCTCTAA 975
||| ||||| ||||| ||||| |||||

; SEQ ID NO 332790
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
; PUBLICATION INFORMATION:
; DATABASE ACCESSION NUMBER: GenBank AA711676
US-60-234-017-332790

Query Match          5.7%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 2.5e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 825 CTGTGTCCTTTCTCTCTGAA 847
||| ||||| ||||| ||||| |||||
Db 1 CTGGATCTCTTACTTCACTGAA 23

RESULT 366
US-60-234-017-500607
; Sequence 500607, Application US/60234017
; GENERAL INFORMATION:
; APPLICANT: Mittmann, M
; TITLE OF INVENTION: Methods of Genetic Analysis of Mus
; TITLE OF INVENTION: musculus
; FILE REFERENCE: 3115
; CURRENT APPLICATION NUMBER: US/60/234,017
; CURRENT FILING DATE: 2000-09-20
; NUMBER OF SEQ ID NOS: 605887
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 500607
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
; PUBLICATION INFORMATION:
; DATABASE ACCESSION NUMBER: GenBank AV244433
US-60-234-017-500607

Query Match          5.7%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.8%; Pred. No. 2.5e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 960 CAAATTGACTCTCTAAATCTGGT 982
||| ||||| ||||| ||||| |||||
Db 3 CAATAGACTCTCAAAAGCGGT 25

RESULT 369
US-60-234-049-99783/c
; Sequence 99783, Application US/60234049
; GENERAL INFORMATION:
; APPLICANT: Mittmann, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of
; TITLE OF INVENTION: Escherichia coli
; FILE REFERENCE: 3117
; CURRENT APPLICATION NUMBER: US/60/234,049
; CURRENT FILING DATE: 2000-09-19
; NUMBER OF SEQ ID NOS: 141629
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 99783
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Escherichia coli
; PUBLICATION INFORMATION:
; DATABASE ACCESSION NUMBER: GenBank U00096
US-60-234-049-99783

Query Match          5.7%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 2.5e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 825 CTGTGTCCTTTCTCTCTGAA 847
||| ||||| ||||| ||||| |||||
Db 25 CTTTGTCCTTTCTCTCGTAA 3

RESULT 370
US-60-353-987-336408/c
; Sequence 336408, Application US/60353987
; GENERAL INFORMATION:
; APPLICANT: Mittmann, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Probes: HG-U133
; FILE REFERENCE: 3121
; CURRENT APPLICATION NUMBER: US/60/353,987
; CURRENT FILING DATE: 2002-02-01
```



```
; NUMBER OF SEQ ID NOS: 997516
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 336408
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-60-353-987-336408

Query Match      5.7%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 2.5e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 838 CTTCTCTGAACAGACGCTCTGG 860
Db 24 CTGTTCTGAACAGACGCTCTCTGG 2

RESULT 371
US-60-353-987-542290/c
; Sequence 542290 Application US/60353987
; GENERAL INFORMATION:
; APPLICANT: Mittmann, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Probes: HG-UI33
; FILE REFERENCE: 3121
; CURRENT APPLICATION NUMBER: US/60/353,987
; CURRENT FILING DATE: 2002-02-01
; NUMBER OF SEQ ID NOS: 997516
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 542290
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-60-353-987-542290

Query Match      5.7%; Score 15.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 2.5e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 799 AGAGCTCTCTCCAACTCAGGT 821
Db 24 AGACCTTCTCTCCGACTGAGGT 2

RESULT 372
US-60-353-987-566071/c
; Sequence 566071 Application US/60353987
; GENERAL INFORMATION:
; APPLICANT: Mittmann, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Probes: HG-UI33
; FILE REFERENCE: 3121
; CURRENT APPLICATION NUMBER: US/60/353,987
; CURRENT FILING DATE: 2002-02-01
; NUMBER OF SEQ ID NOS: 997516
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 566071
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-60-353-987-566071

Query Match      5.7%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 2.5e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 804 TCTCTCCAACTCAGGTTGGT 826
Db 24 TCTCTCTCTACTCAGCGTGGT 2

RESULT 373
US-60-353-987-764004/c
; Sequence 764004 Application US/60353987
; GENERAL INFORMATION:
; APPLICANT: Mittmann, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Probes: HG-UI33
; FILE REFERENCE: 3121
; CURRENT APPLICATION NUMBER: US/60/353,987
; CURRENT FILING DATE: 2002-02-01
; NUMBER OF SEQ ID NOS: 997516
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 764004
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-60-353-987-764004

Query Match      5.7%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 2.5e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 952 AGAAGAGCCAAATTGACTCTCTA 974
Db 23 AGAAGGCCCAATTGGCTCTCTA 1

RESULT 374
US-60-353-987-773414
; Sequence 773414 Application US/60353987
; GENERAL INFORMATION:
; APPLICANT: Mittmann, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Probes: HG-UI33
; FILE REFERENCE: 3121
; CURRENT APPLICATION NUMBER: US/60/353,987
; CURRENT FILING DATE: 2002-02-01
; NUMBER OF SEQ ID NOS: 997516
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 773414
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-60-353-987-773414

Query Match      5.7%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 2.5e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 820 GTTGGCTGTGTCTCTTTTCTTCT 842
Db 3 GTTACCAGTGTCTCTTTTACTTCT 25

RESULT 375
US-60-353-987-781427
; Sequence 781427 Application US/60353987
; GENERAL INFORMATION:
; APPLICANT: Mittmann, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Probes: HG-UI33
; FILE REFERENCE: 3121
; CURRENT APPLICATION NUMBER: US/60/353,987
; CURRENT FILING DATE: 2002-02-01
; NUMBER OF SEQ ID NOS: 997516
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 781427
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-60-353-987-781427

Query Match      5.7%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 2.5e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 965 TGACTCTCTAAATCTGGTGTATG 987
Db 3 TGACCTTCAAAATCTTGTGTATG 25
```

RESULT 376
US-60-353-987-831405/c
; Sequence 831405, Application US/60353987
; GENERAL INFORMATION:
; APPLICANT: Mittmann, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Probes: HG-U133
; FILE REFERENCE: 3121
; CURRENT APPLICATION NUMBER: US/60/353,987
; CURRENT FILING DATE: 2002-02-01
; NUMBER OF SEQ ID NOS: 997516
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 831405
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-60-353-987-831405

Query Match 5.7%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 2.5e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 768 TCCACTTCTGAGGCGAGCCCTC 790
Db 25 TCCAGCTCTTAGTGGCGCCCTC 3

RESULT 377
US-60-353-987-831406/c
; Sequence 831406, Application US/60353987
; GENERAL INFORMATION:
; APPLICANT: Mittmann, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Probes: HG-U133
; FILE REFERENCE: 3121
; CURRENT APPLICATION NUMBER: US/60/353,987
; CURRENT FILING DATE: 2002-02-01
; NUMBER OF SEQ ID NOS: 997516
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 831406
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-60-353-987-831406

Query Match 5.7%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 2.5e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 768 TCCACTTCTGAGGCGAGCCCTC 790
Db 25 TCCAGCTCTTAGGCGCCCTC 3

RESULT 378
US-60-353-987-834586
; Sequence 834586, Application US/60353987
; GENERAL INFORMATION:
; APPLICANT: Mittmann, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Probes: HG-U133
; FILE REFERENCE: 3121
; CURRENT APPLICATION NUMBER: US/60/353,987
; CURRENT FILING DATE: 2002-02-01
; NUMBER OF SEQ ID NOS: 997516
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 834586
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-60-353-987-834586

Query Match 5.7%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 2.5e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 748 GGTCCCGAGGTCCCTAGGCTCC 770
Db 3 GGACCCAGAGTCCCTAGAACTCC 25

RESULT 379
US-60-417-190-99272/c
; Sequence 99272, Application US/60417190
; GENERAL INFORMATION:
; APPLICANT: Giulia Kennedy
; APPLICANT: Hajime Matsuzaki
; APPLICANT: Mei-Mei Shen
; TITLE OF INVENTION: Methods for Genotyping Polymorphisms in Humans
; FILE REFERENCE: 3522
; CURRENT APPLICATION NUMBER: US/60/417,190
; CURRENT FILING DATE: 2002-10-02
; NUMBER OF SEQ ID NOS: 122930
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 99272
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-60-417-190-99272

Query Match 5.7%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 2.5e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 873 CACTTCTCTGAGATGCACCTACT 895
Db 24 CATTTCCTGACATGCTCTTCT 2

RESULT 380
US-60-417-190-99273/c
; Sequence 99273, Application US/60417190
; GENERAL INFORMATION:
; APPLICANT: Giulia Kennedy
; APPLICANT: Hajime Matsuzaki
; APPLICANT: Mei-Mei Shen
; TITLE OF INVENTION: Methods for Genotyping Polymorphisms in Humans
; FILE REFERENCE: 3522
; CURRENT APPLICATION NUMBER: US/60/417,190
; CURRENT FILING DATE: 2002-10-02
; NUMBER OF SEQ ID NOS: 122930
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 99273
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-60-417-190-99273

Query Match 5.7%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 2.5e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 873 CACTTCTCTGAGATGCACCTACT 895
Db 23 CATTTCCTGACATGCTCTTCT 1

RESULT 381
US-60-427-808-44651
; Sequence 44651, Application US/60427808
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; FILE REFERENCE: 3528
; CURRENT APPLICATION NUMBER: US/60/427,808
; CURRENT FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 982514
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1


```
US-60-427-808-464826/c
; Sequence 464826, Application US/60427808
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; FILE REFERENCE: 3528
; CURRENT APPLICATION NUMBER: US/60/427,808
; CURRENT FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 982914
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 464826
; TYPE: DNA
; ORGANISM: Mus musculus
US-60-427-808-464826

Query Match          5.7%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 2.5e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 934 TCCAGAGATTTCACCAAGAG 956
Db 25 TTCAGAGATTTCAGAAAGAG 3

RESULT 388
US-60-427-808-730301
; Sequence 730301, Application US/60427808
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; FILE REFERENCE: 3528
; CURRENT APPLICATION NUMBER: US/60/427,808
; CURRENT FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 982914
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 730301
; TYPE: DNA
; ORGANISM: Mus musculus
US-60-427-808-730301

Query Match          5.7%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 2.5e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 903 TTCTCGATCAGATTATCATCAC 925
Db 2 TTCTCGATCAGTTTACCAAGAC 24

RESULT 389
US-60-427-808-824645
; Sequence 824645, Application US/60427808
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; FILE REFERENCE: 3528
; CURRENT APPLICATION NUMBER: US/60/427,808
; CURRENT FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 982914
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 824645
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-60-427-808-824645

Query Match          5.7%; Score 16.6; DB 1; Length 25;
Best Local Similarity 32.6%; Pred. No. 2.5e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 781 GCAGCCCCCTCTGGTGCCAGAGC 803

US-60-427-808-946474
; Sequence 946474, Application US/60427808
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; FILE REFERENCE: 3528
; CURRENT APPLICATION NUMBER: US/60/427,808
; CURRENT FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 982914
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 946474
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-60-427-808-946474

Query Match          5.7%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 2.5e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 844 TGAAGACAGCGTCCTCGCTCCAG 866
Db 2 TGAAGTCAGAGTCCTCGCTCCGG 24

RESULT 391
US-60-427-836-28712
; Sequence 28712, Application US/60427836
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Rat
; FILE REFERENCE: 3527
; CURRENT APPLICATION NUMBER: US/60/427,836
; CURRENT FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 699466
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 28712
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-60-427-836-28712

Query Match          5.7%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 2.5e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 812 AACTCAGGGTTGGTGTCCTCT 834
Db 1 AACTCAGGGTTGGAAGTCTCTGT 23

RESULT 392
US-60-427-836-82183
; Sequence 82183, Application US/60427836
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Rat
; FILE REFERENCE: 3527
; CURRENT APPLICATION NUMBER: US/60/427,836
; CURRENT FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 699466
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 82183
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-60-427-836-82183

Query Match          5.7%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 2.5e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 812 AACTCAGGGTTGGTGTCCTCT 834
Db 1 AACTCAGGGTTGGAAGTCTCTGT 23

RESULT 392
US-60-427-836-82183
; Sequence 82183, Application US/60427836
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Rat
; FILE REFERENCE: 3527
; CURRENT APPLICATION NUMBER: US/60/427,836
; CURRENT FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 699466
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 82183
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-60-427-836-82183
```

```
Query Match          5.7%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 2.5e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 924 ACCACCACTCCAGAGAAATTT 946
DB 1 ACCACCACTCCAGAGAAATTT 23
|||||
|

RESULT 393
US-60-427-836-91406
; Sequence 91406, Application US/60427836
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Rat
; CURRENT APPLICATION NUMBER: US/60/427,836
; CURRENT FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 699466
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 91406
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-60-427-836-91406

Query Match          5.7%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 2.5e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 764 GGCTCCACTTCTGAGGCAGCC 786
DB 3 GTCTCCATTTGTGAGGCAGCC 25
|||||
|

RESULT 394
US-60-427-836-253106
; Sequence 253106, Application US/60427836
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Rat
; CURRENT APPLICATION NUMBER: US/60/427,836
; CURRENT FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 699466
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 253106
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-60-427-836-253106

Query Match          5.7%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 2.5e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 925 CCACCACTCCAGAGAAATTTA 947
DB 1 CCTCTCCCTCCAAAGAAATTA 23
|||||
|

RESULT 395
US-60-427-836-418861
; Sequence 418861, Application US/60427836
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Rat
; CURRENT APPLICATION NUMBER: US/60/427,836
; CURRENT FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 699466
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 418861

Query Match          5.7%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 2.5e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 924 ACCACCACTCCAGAGAAATTT 946
DB 1 ACCACCACTCCAGAGAAATTT 23
|||||
|

RESULT 393
US-60-427-836-91406
; Sequence 91406, Application US/60427836
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Rat
; CURRENT APPLICATION NUMBER: US/60/427,836
; CURRENT FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 699466
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 91406
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-60-427-836-91406

Query Match          5.7%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 2.5e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 764 GGCTCCACTTCTGAGGCAGCC 786
DB 3 GTCTCCATTTGTGAGGCAGCC 25
|||||
|

RESULT 394
US-60-427-836-253106
; Sequence 253106, Application US/60427836
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Rat
; CURRENT APPLICATION NUMBER: US/60/427,836
; CURRENT FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 699466
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 253106
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-60-427-836-253106

Query Match          5.7%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 2.5e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 925 CCACCACTCCAGAGAAATTTA 947
DB 1 CCTCTCCCTCCAAAGAAATTA 23
|||||
|

RESULT 395
US-60-427-836-418861
; Sequence 418861, Application US/60427836
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Rat
; CURRENT APPLICATION NUMBER: US/60/427,836
; CURRENT FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 699466
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 418861

Query Match          5.7%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 2.5e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 812 AACTCAGGTTGGCTGTGTCTCT 834
DB 3 AAGTCAGGCTGCTGTGTCTCT 25
|||||
|

RESULT 396
US-60-427-836-441691/C
; Sequence 441691, Application US/60427836
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Rat
; FILE REFERENCE: 3527
; CURRENT APPLICATION NUMBER: US/60/427,836
; CURRENT FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 699466
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 441691
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-60-427-836-441691

Query Match          5.7%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 2.5e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 765 GGCTCCACTTCTGAGGCAGCC 787
DB 23 GGCTCTACTCTAAGGCGCAGGCC 1
|||||
|

RESULT 397
US-60-427-836-494257
; Sequence 494257, Application US/60427836
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Rat
; FILE REFERENCE: 3527
; CURRENT APPLICATION NUMBER: US/60/427,836
; CURRENT FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 699466
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 494257
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-60-427-836-494257

Query Match          5.7%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 2.5e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 806 TCCTCCAACTCAGGTTGGCTGT 828
DB 2 TCCTCAAACTCAGGTTAGTCTTT 24
|||||
|

RESULT 398
US-60-427-836-623510
; Sequence 623510, Application US/60427836
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Rat
; FILE REFERENCE: 3527
```

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; CURRENT APPLICATION NUMBER: US/60/427,836
; CURRENT FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 699466
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 623510
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-60-427-836-623510

Query Match      5.7%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 2.5e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 765 GCCTCCACTTGTGAGGCGAGCC 787
Db 2 GCGTCCACATGTGAGGCTGCC 24

RESULT 399
US-60-427-836-688380
; Sequence 688380, Application US/60427836
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Rat
; FILE REFERENCE: 3527
; CURRENT APPLICATION NUMBER: US/60/427,836
; CURRENT FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 699466
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 688380
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-60-427-836-688380

Query Match      5.7%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 2.5e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 762 TAGGCTCCACTGTGAGGCGAG 784
Db 3 TAGGCTCCACTCCAGGAG 25

RESULT 400
US-60-470-475-18623/c
; Sequence 18623, Application US/60470475
; GENERAL INFORMATION:
; APPLICANT: Matsuzaki, Hajime
; APPLICANT: Shen, Mei-Mei
; APPLICANT: Kennedy, Giulia
; TITLE OF INVENTION: Methods for Genotyping Polymorphisms in Humans
; FILE REFERENCE: 3522.1
; CURRENT APPLICATION NUMBER: US/60/470,475
; CURRENT FILING DATE: 2003-05-14
; PRIOR APPLICATION NUMBER: 60/417,190
; PRIOR FILING DATE: 2002-10-08
; NUMBER OF SEQ ID NOS: 124031
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 18623
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-60-470-475-18623

Query Match      5.7%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 2.5e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 873 CACTTTCCTGAGATGCACCTACT 895
Db 23 CATTTCCTGACATGCTCTTCT 1

RESULT 401
US-60-470-475-91052/c
; Sequence 91052, Application US/60470475
; GENERAL INFORMATION:
; APPLICANT: Matsuzaki, Hajime
; APPLICANT: Shen, Mei-Mei
; APPLICANT: Kennedy, Giulia
; TITLE OF INVENTION: Methods for Genotyping Polymorphisms in Humans
; FILE REFERENCE: 3522.1
; CURRENT APPLICATION NUMBER: US/60/470,475
; CURRENT FILING DATE: 2003-05-14
; PRIOR APPLICATION NUMBER: 60/417,190
; PRIOR FILING DATE: 2002-10-08
; NUMBER OF SEQ ID NOS: 124031
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 91052
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-60-470-475-91052

Query Match      5.7%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 2.5e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 873 CACTTTCCTGAGATGCACCTACT 895
Db 24 CATTTCCTGACATGCTCTTCT 2

RESULT 402
US-60-470-475-123764
; Sequence 123764, Application US/60470475
; GENERAL INFORMATION:
; APPLICANT: Matsuzaki, Hajime
; APPLICANT: Shen, Mei-Mei
; APPLICANT: Kennedy, Giulia
; TITLE OF INVENTION: Methods for Genotyping Polymorphisms in Humans
; FILE REFERENCE: 3522.1
; CURRENT APPLICATION NUMBER: US/60/470,475
; CURRENT FILING DATE: 2003-05-14
; PRIOR APPLICATION NUMBER: 60/417,190
; PRIOR FILING DATE: 2002-10-08
; NUMBER OF SEQ ID NOS: 124031
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 123764
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-60-470-475-123764

Query Match      5.7%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 2.5e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 958 GCCAAATTCACCTCTCTAAATCTG 980
Db 3 GCCAAATTCCTCTCTTCAACTG 25

RESULT 403
US-60-475-871-65138
; Sequence 65138, Application US/60475871
; GENERAL INFORMATION:
; APPLICANT: Wyeth Research
; APPLICANT: Mounts, William M.
; APPLICANT: Murphy, Ellen M.
; TITLE OF INVENTION: Staphylococcus Aureus Nucleic Acid Arrays
; FILE REFERENCE: AM101085
; CURRENT APPLICATION NUMBER: US/60/475,871
; CURRENT FILING DATE: 2003-06-05
```

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; NUMBER OF SEQ ID NOS: 207175
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 65138
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Staphylococcus aureus
US-60-475-871-65138

Query Match          5.7%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 2.5e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 941 AATTTTACGCAAGAGAGCCAAA 963
      ||||||| ||||| ||||| |||||
Db 3  ACTTTTACCGAAGGCCCAA 25

RESULT 404
US-60-475-871-177969
; Sequence 177969, Application US/60475871
; GENERAL INFORMATION:
; APPLICANT: Wyeth Research
; APPLICANT: Mounts, William M.
; TITLE OF INVENTION: Staphylococcus Aureus Nucleic Acid Arrays
; FILE REFERENCE: AM101085
; CURRENT APPLICATION NUMBER: US/60/475,871
; CURRENT FILING DATE: 2003-06-05
; NUMBER OF SEQ ID NOS: 207175
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 177969
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Staphylococcus aureus
US-60-475-871-177969

Query Match          5.7%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 2.5e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 867 TTGGAGACACTTCTCGATGCA 889
      ||||||| ||||| ||||| |||||
Db 2  TTGGAACTTACCTCAGTTGCA 24

RESULT 405
US-60-507-481-97684
; Sequence 97684, Application US/60507481
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Mounts, William M.
; TITLE OF INVENTION: NUCLEIC ACID ARRAYS FOR DETECTING GENE EXPRESSION IN ANIMAL
; FILE REFERENCE: AM101084
; CURRENT APPLICATION NUMBER: US/60/507,481
; CURRENT FILING DATE: 2003-10-02
; NUMBER OF SEQ ID NOS: 210107
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 97684
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Canis familiaris
US-60-507-481-97684

Query Match          5.7%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 2.5e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 723 TGACTCTGGTCATAGGACTTGT 745
      ||||||| ||||| ||||| |||||
Db 3  TGACTCTGGCAAGCACTTTGT 25
```

```
RESULT 406
US-60-507-511-59440/c
; Sequence 59440, Application US/60507511
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Mounts, William M.
; TITLE OF INVENTION: NUCLEIC ACID ARRAYS FOR DETECTING GENE EXPRESSION ASSOCIATED WITH
; FILE REFERENCE: AM 101081
; CURRENT APPLICATION NUMBER: US/60/507,511
; CURRENT FILING DATE: 2003-10-02
; NUMBER OF SEQ ID NOS: 203623
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 59440
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-60-507-511-59440

Query Match          5.7%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 2.5e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 784 GCCCTCTGCTGCGCCAGAGCTCT 806
      ||||| ||||| ||||| |||||
Db 24 GCTCTCTCTGTCGCAAGCGCTCT 2

RESULT 407
US-60-507-511-91931/c
; Sequence 91931, Application US/60507511
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Mounts, William M.
; TITLE OF INVENTION: NUCLEIC ACID ARRAYS FOR DETECTING GENE EXPRESSION ASSOCIATED WITH
; FILE REFERENCE: AM 101081
; CURRENT APPLICATION NUMBER: US/60/507,511
; CURRENT FILING DATE: 2003-10-02
; NUMBER OF SEQ ID NOS: 203623
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 91931
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-60-507-511-91931

Query Match          5.7%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 2.5e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 844 TGAAGACAGCGCTGCTGCTCCAG 866
      ||||| ||||| ||||| |||||
Db 24 TGTACACCGGTCCTGTTCCAG 2

RESULT 408
US-60-507-511-92887/c
; Sequence 92887, Application US/60507511
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Mounts, William M.
; TITLE OF INVENTION: NUCLEIC ACID ARRAYS FOR DETECTING GENE EXPRESSION ASSOCIATED WITH
; FILE REFERENCE: AM 101081
; CURRENT APPLICATION NUMBER: US/60/507,511
; CURRENT FILING DATE: 2003-10-02
; NUMBER OF SEQ ID NOS: 203623
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 92887
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
```

```
US-60-507-511-92887
Query Match          5.7%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 2.5e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 757 GTCCCTAGGCTCCACTTCTCAG 779
DB 24 GTCCCTAGGCTCCACTTCTCAG 2

RESULT 409
US-10-751-736-20469/c
; Sequence 20469, Application US/10751736
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: US/10/751,736
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20469
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi
US-10-751-736-20469

Query Match          5.7%; Score 16.4; DB 1; Length 21;
Best Local Similarity 94.4%; Pred. No. 2.1e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 915 ATTATCATCACCACCACC 932
DB 20 ATTATCATCACCACCACC 3

RESULT 410
US-10-751-736-21759/c
; Sequence 21759, Application US/10751736
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: US/10/751,736
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 21759
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi
US-10-751-736-21759

Query Match          5.7%; Score 16.4; DB 1; Length 21;
Best Local Similarity 94.4%; Pred. No. 2.1e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 915 ATTATCATCACCACCACC 932
DB 20 ATTATCATCACCACCACC 3
```

```
RESULT 411
US-09-660-222-95751
; Sequence 95751, Application US/09660222
; GENERAL INFORMATION:
; APPLICANT: Mittmann et al.
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis of Human
; FILE REFERENCE: 3102.1
; CURRENT APPLICATION NUMBER: US/09/660,222
; CURRENT FILING DATE: 2000-09-12
; PRIOR APPLICATION NUMBER: 60/164,973
; PRIOR FILING DATE: 1999-11-11
; NUMBER OF SEQ ID NOS: 140981
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 95751
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo Sapiens
; PUBLICATION INFORMATION:
; DATABASE ACCESSION NUMBER: GenBank U55054
US-09-660-222-95751

Query Match          5.7%; Score 16.4; DB 1; Length 25;
Best Local Similarity 94.4%; Pred. No. 2.6e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 741 TTGTAGGCTCCAGGCT 758
DB 2 TTGTAGGCTCCAGGCT 19

RESULT 412
US-09-954-427-417020
; Sequence 417020, Application US/09954427
; GENERAL INFORMATION:
; APPLICANT: Mittmann
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis of the Rat
; FILE REFERENCE: 3112
; CURRENT APPLICATION NUMBER: US/09/954,427
; CURRENT FILING DATE: 2001-09-17
; NUMBER OF SEQ ID NOS: 420907
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 417020
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Saccharomyces cerevisiae
; PUBLICATION INFORMATION:
; DATABASE ACCESSION NUMBER: Affymetrix Proprieta
US-09-954-427-417020

Query Match          5.7%; Score 16.4; DB 1; Length 25;
Best Local Similarity 94.4%; Pred. No. 2.6e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 855 TCCTGGCTCCAGTTGGAA 872
DB 2 TCCTGGCTCCAGTTGGAA 19

RESULT 413
US-09-954-427A-310586
; Sequence 310586, Application US/09954427A
; GENERAL INFORMATION:
; APPLICANT: Michael Mittmann
; TITLE OF INVENTION: Methods of Genetic Analysis of the Rat Genome
; FILE REFERENCE: 3112.1
; CURRENT APPLICATION NUMBER: US/09/954,427A
; CURRENT FILING DATE: 2001-09-17
; PRIOR APPLICATION NUMBER: 60/233,166
```



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; PRIOR FILING DATE: 2000-09-18
; NUMBER OF SEQ ID NOS: 420907
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 310586
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus Norvegicus
US-09-954-427A-310586

Query Match      5.7%; Score 16.4; DB 1; Length 25;
Best Local Similarity 94.4%; Pred. No. 2.6e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      835 TTCTCTCTCAAGACAG 852
Db      6 TTCTCTCTCAAGACTG 23

RESULT 414
US-09-954-445A-107879/c
; Sequence 107879, Application US/09954445A
; GENERAL INFORMATION:
; APPLICANT: Mitmann, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Arabidopsis Thaliana
; FILE REFERENCE: 3116.1
; CURRENT APPLICATION NUMBER: US/09/954.445A
; PRIOR FILING DATE: 2000-09-17
; PRIOR APPLICATION NUMBER: 60/233,620
; PRIOR FILING DATE: 2000-09-18
; NUMBER OF SEQ ID NOS: 131820
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 107879
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Arabidopsis thaliana
US-09-954-445A-107879

Query Match      5.7%; Score 16.4; DB 1; Length 25;
Best Local Similarity 94.4%; Pred. No. 2.6e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      801 AGCTCTCTCAACTCAG 818
Db      20 AGTCTCTCTCAACTCAG 3

RESULT 415
US-10-681-773-15717
; Sequence 15717, Application US/10681773
; GENERAL INFORMATION:
; APPLICANT: Matsuzaki, Hajime
; APPLICANT: Mei, Rui
; APPLICANT: Shen, Mei-Mei
; APPLICANT: Kennedy, Giulia
; TITLE OF INVENTION: Methods for Genotyping Polymorphisms in Humans
; FILE REFERENCE: 3522.2
; CURRENT APPLICATION NUMBER: US/10/681,773
; PRIOR FILING DATE: 2003-10-07
; PRIOR APPLICATION NUMBER: 60/470,475
; PRIOR FILING DATE: 2002-05-14
; PRIOR APPLICATION NUMBER: 60/417,190
; PRIOR FILING DATE: 2002-10-08
; NUMBER OF SEQ ID NOS: 124031
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 15717
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-681-773-15717

Query Match      5.7%; Score 16.4; DB 1; Length 25;
Best Local Similarity 94.4%; Pred. No. 2.6e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
Qy      965 TGACTCTCTAAATCTGGT 982
Db      4 TGACTCTCTAAATCTGTT 21

RESULT 416
US-10-681-773-57028
; Sequence 57028, Application US/10681773
; GENERAL INFORMATION:
; APPLICANT: Matsuzaki, Hajime
; APPLICANT: Mei, Rui
; APPLICANT: Shen, Mei-Mei
; APPLICANT: Kennedy, Giulia
; TITLE OF INVENTION: Methods for Genotyping Polymorphisms in Humans
; FILE REFERENCE: 3522.2
; CURRENT APPLICATION NUMBER: US/10/681,773
; PRIOR FILING DATE: 2003-10-07
; PRIOR APPLICATION NUMBER: 60/470,475
; PRIOR FILING DATE: 2002-05-14
; PRIOR APPLICATION NUMBER: 60/417,190
; PRIOR FILING DATE: 2002-10-08
; NUMBER OF SEQ ID NOS: 124031
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 57028
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-681-773-57028

Query Match      5.7%; Score 16.4; DB 1; Length 25;
Best Local Similarity 94.4%; Pred. No. 2.6e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      965 TGACTCTCTAAATCTGGT 982
Db      2 TGACTCTCTAAATCTGTT 19

RESULT 417
US-10-681-773-103941
; Sequence 103941, Application US/10681773
; GENERAL INFORMATION:
; APPLICANT: Matsuzaki, Hajime
; APPLICANT: Mei, Rui
; APPLICANT: Shen, Mei-Mei
; APPLICANT: Kennedy, Giulia
; TITLE OF INVENTION: Methods for Genotyping Polymorphisms in Humans
; FILE REFERENCE: 3522.2
; CURRENT APPLICATION NUMBER: US/10/681,773
; PRIOR FILING DATE: 2003-10-07
; PRIOR APPLICATION NUMBER: 60/470,475
; PRIOR FILING DATE: 2002-05-14
; PRIOR APPLICATION NUMBER: 60/417,190
; PRIOR FILING DATE: 2002-10-08
; NUMBER OF SEQ ID NOS: 124031
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 103941
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-681-773-103941

Query Match      5.7%; Score 16.4; DB 1; Length 25;
Best Local Similarity 94.4%; Pred. No. 2.6e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      965 TGACTCTCTAAATCTGGT 982
Db      1 TGACTCTCTAAATCTGTT 18

RESULT 418
```

US-10-719-900-256055
 ; Sequence 256055, Application US/10719900
 ; GENERAL INFORMATION:
 ; APPLICANT: Xue Mei Zhou
 ; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
 ; FILE REFERENCE: 3528.1
 ; CURRENT APPLICATION NUMBER: US/10/719,900
 ; CURRENT FILING DATE: 2003-11-20
 ; PRIOR APPLICATION NUMBER: 60/427,808
 ; PRIOR FILING DATE: 2002-11-20
 ; NUMBER OF SEQ ID NOS: 982914
 ; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
 ; SEQ ID NO 256055
 ; LENGTH: 25
 ; TYPE: DNA
 ; ORGANISM: Mus musculus
 US-10-719-900-256055

Query Match 5.7%; Score 16.4; DB 1; Length 25;
 Best Local Similarity 94.4%; Pred. No. 2.6e+02;
 Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 772 CTCTCAGGCGAGCCCT 789
 |||||
 Db 8 CTCTCAGGCGAGCCCT 25

RESULT 419
 US-10-719-956-4087/c
 ; Sequence 4087, Application US/10719956
 ; GENERAL INFORMATION:
 ; APPLICANT: Xue Mei Zhou
 ; TITLE OF INVENTION: Methods of Genetic Analysis of Rat
 ; FILE REFERENCE: 3527.1
 ; CURRENT APPLICATION NUMBER: US/10/719,956
 ; CURRENT FILING DATE: 2003-11-20
 ; PRIOR APPLICATION NUMBER: 60/427,836
 ; PRIOR FILING DATE: 2002-11-20
 ; NUMBER OF SEQ ID NOS: 699466
 ; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
 ; SEQ ID NO 4087
 ; LENGTH: 25
 ; TYPE: DNA
 ; ORGANISM: Rattus norvegicus
 US-10-719-956-4087

Query Match 5.7%; Score 16.4; DB 1; Length 25;
 Best Local Similarity 94.4%; Pred. No. 2.6e+02;
 Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 711 GTCCAGGAGAGTGACTC 728
 |||||
 Db 25 GTCCAGGAGAGTGACTC 8

RESULT 420
 US-10-719-956-260321
 ; Sequence 260321, Application US/10719956
 ; GENERAL INFORMATION:
 ; APPLICANT: Xue Mei Zhou
 ; TITLE OF INVENTION: Methods of Genetic Analysis of Rat
 ; FILE REFERENCE: 3527.1
 ; CURRENT APPLICATION NUMBER: US/10/719,956
 ; CURRENT FILING DATE: 2003-11-20
 ; PRIOR APPLICATION NUMBER: 60/427,836
 ; PRIOR FILING DATE: 2002-11-20
 ; NUMBER OF SEQ ID NOS: 699466
 ; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
 ; SEQ ID NO 260321
 ; LENGTH: 25
 ; TYPE: DNA
 ; ORGANISM: Rattus norvegicus
 US-10-719-956-260321

Query Match 5.7%; Score 16.4; DB 1; Length 25;
 Best Local Similarity 94.4%; Pred. No. 2.6e+02;
 Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 816 CAGGTTGGCTGTCTC 833
 |||||
 Db 6 CAGGCTGGCTGTCTC 23

RESULT 421
 US-60-233-166-417020
 ; Sequence 417020, Application US/60233166
 ; GENERAL INFORMATION:
 ; APPLICANT: Mittmann
 ; TITLE OF INVENTION: Methods of Genetic Analysis of the Rat
 ; FILE REFERENCE: 3112
 ; CURRENT APPLICATION NUMBER: US/60/233,166
 ; CURRENT FILING DATE: 2000-10-24
 ; NUMBER OF SEQ ID NOS: 420907
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 417020
 ; LENGTH: 25
 ; TYPE: DNA
 ; ORGANISM: Saccharomyces cerevisiae
 ; PUBLICATION INFORMATION:
 ; DATABASE ACCESSION NUMBER: Affymetrix Proprieta
 US-60-233-166-417020

Query Match 5.7%; Score 16.4; DB 1; Length 25;
 Best Local Similarity 94.4%; Pred. No. 2.6e+02;
 Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 855 TCCTGGCTCAGTTGAA 872
 |||||
 Db 2 TCCTGGCTCAGTTGAA 19

RESULT 422
 US-60-233-620-107879/c
 ; Sequence 107879, Application US/60233620
 ; GENERAL INFORMATION:
 ; APPLICANT: Mittmann
 ; TITLE OF INVENTION: Methods of Genetic Analysis of
 ; FILE REFERENCE: 3116
 ; CURRENT APPLICATION NUMBER: US/60/233,620
 ; CURRENT FILING DATE: 2000-10-24
 ; NUMBER OF SEQ ID NOS: 131820
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 107879
 ; LENGTH: 25
 ; TYPE: DNA
 ; ORGANISM: Arabidopsis thaliana
 ; PUBLICATION INFORMATION:
 ; DATABASE ACCESSION NUMBER: GenBank AL021768
 US-60-233-620-107879

Query Match 5.7%; Score 16.4; DB 1; Length 25;
 Best Local Similarity 94.4%; Pred. No. 2.6e+02;
 Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 801 AGCTCTCTCCCACTCAG 818
 |||||
 Db 20 AGTTCTCTCCCACTCAG 3

RESULT 423
 US-60-417-190-35751
 ; Sequence 35751, Application US/60417190

```

; GENERAL INFORMATION:
; APPLICANT: Giulia Kennedy
; APPLICANT: Hajime Matsuzaki
; APPLICANT: Mei-Mei Shen
; TITLE OF INVENTION: Methods for Genotyping Polymorphisms in Humans
; FILE REFERENCE: 3522
; CURRENT APPLICATION NUMBER: US/60/417,190
; CURRENT FILING DATE: 2002-10-02
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 35751
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-60-417-190-35751

Query Match      5.7%; Score 16.4; DB 1; Length 25;
Best Local Similarity 94.4%; Pred. No. 2.6e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 965 TGACTCTCTAAATCTGGT 982
Db 4 TGACTCTCTAAATCTGTT 21

RESULT 424
US-60-417-190-35752
; Sequence 35752, Application US/60417190
; GENERAL INFORMATION:
; APPLICANT: Giulia Kennedy
; APPLICANT: Hajime Matsuzaki
; APPLICANT: Mei-Mei Shen
; TITLE OF INVENTION: Methods for Genotyping Polymorphisms in Humans
; FILE REFERENCE: 3522
; CURRENT APPLICATION NUMBER: US/60/417,190
; CURRENT FILING DATE: 2002-10-02
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 35752
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-60-417-190-35752

Query Match      5.7%; Score 16.4; DB 1; Length 25;
Best Local Similarity 94.4%; Pred. No. 2.6e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 965 TGACTCTCTAAATCTGGT 982
Db 4 TGACTCTCTAAATCTGTT 21

RESULT 425
US-60-417-190-35753
; Sequence 35753, Application US/60417190
; GENERAL INFORMATION:
; APPLICANT: Giulia Kennedy
; APPLICANT: Hajime Matsuzaki
; APPLICANT: Mei-Mei Shen
; TITLE OF INVENTION: Methods for Genotyping Polymorphisms in Humans
; FILE REFERENCE: 3522
; CURRENT APPLICATION NUMBER: US/60/417,190
; CURRENT FILING DATE: 2002-10-02
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 35753
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-60-417-190-35753

Query Match      5.7%; Score 16.4; DB 1; Length 25;
Best Local Similarity 94.4%; Pred. No. 2.6e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 965 TGACTCTCTAAATCTGGT 982
Db 2 TGACTCTCTAAATCTGTT 19

RESULT 426
US-60-427-808-256055
; Sequence 256055, Application US/60427808
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; FILE REFERENCE: 3528
; CURRENT APPLICATION NUMBER: US/60/427,808
; CURRENT FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 982914
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 256055
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-60-427-808-256055

Query Match      5.7%; Score 16.4; DB 1; Length 25;
Best Local Similarity 94.4%; Pred. No. 2.6e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 772 CTCTCAGGCGAGCCCT 789
Db 8 CTCTCAGGCGAGCCCT 25

RESULT 427
US-60-427-836-4087/c
; Sequence 4087, Application US/60427836
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Rat
; FILE REFERENCE: 3527
; CURRENT APPLICATION NUMBER: US/60/427,836
; CURRENT FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 699466
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 4087
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-60-427-836-4087

Query Match      5.7%; Score 16.4; DB 1; Length 25;
Best Local Similarity 94.4%; Pred. No. 2.6e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 711 GTCCAGGAGAGTGACTC 728
Db 25 GTCCAGGAGAGTGACTC 8

RESULT 428
US-60-427-836-260321
; Sequence 260321, Application US/60427836
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Rat
; FILE REFERENCE: 3527
; CURRENT APPLICATION NUMBER: US/60/427,836
; CURRENT FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 699466
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 260321
; LENGTH: 25
```

```
; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-60-427-836-260321

Query Match      5.7%; Score 16.4; DB 1; Length 25;
Best Local Similarity 94.4%; Pred. No. 2.6e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      816 CAGGCTGGCTGTGCTC 833
Db      6 CAGGCTGGCTGTGCTC 23

RESULT 429
US-60-470-475-15717
; Sequence 15717, Application US/60470475
; GENERAL INFORMATION:
; APPLICANT: Matsuzaki, Hajime
; APPLICANT: Shen, Mei-Mei
; APPLICANT: Kennedy, Giulia
; TITLE OF INVENTION: Methods for Genotyping Polymorphisms in Humans
; FILE REFERENCE: 3522.1
; CURRENT APPLICATION NUMBER: US/60/470,475
; CURRENT FILING DATE: 2003-05-14
; PRIOR FILING DATE: 2002-10-08
; NUMBER OF SEQ ID NOS: 124031
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 15717
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-60-470-475-15717

Query Match      5.7%; Score 16.4; DB 1; Length 25;
Best Local Similarity 94.4%; Pred. No. 2.6e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      965 TGACTCTCTAAATCTGTT 982
Db      4 TGACTCTCTAAATCTGTT 21

RESULT 430
US-60-470-475-57028
; Sequence 57028, Application US/60470475
; GENERAL INFORMATION:
; APPLICANT: Matsuzaki, Hajime
; APPLICANT: Shen, Mei-Mei
; APPLICANT: Kennedy, Giulia
; TITLE OF INVENTION: Methods for Genotyping Polymorphisms in Humans
; FILE REFERENCE: 3522.1
; CURRENT APPLICATION NUMBER: US/60/470,475
; CURRENT FILING DATE: 2003-05-14
; PRIOR APPLICATION NUMBER: 60/417,190
; PRIOR FILING DATE: 2002-10-08
; NUMBER OF SEQ ID NOS: 124031
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 57028
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-60-470-475-57028

Query Match      5.7%; Score 16.4; DB 1; Length 25;
Best Local Similarity 94.4%; Pred. No. 2.6e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      965 TGACTCTCTAAATCTGTT 982
Db      2 TGACTCTCTAAATCTGTT 19

RESULT 431
US-60-470-475-103941
; Sequence 103941, Application US/60470475
; GENERAL INFORMATION:
; APPLICANT: Matsuzaki, Hajime
; APPLICANT: Shen, Mei-Mei
; APPLICANT: Kennedy, Giulia
; TITLE OF INVENTION: Methods for Genotyping Polymorphisms in Humans
; FILE REFERENCE: 3522.1
; CURRENT APPLICATION NUMBER: US/60/470,475
; CURRENT FILING DATE: 2003-05-14
; PRIOR APPLICATION NUMBER: 60/417,190
; PRIOR FILING DATE: 2002-10-08
; NUMBER OF SEQ ID NOS: 124031
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 103941
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-60-470-475-103941

Query Match      5.7%; Score 16.4; DB 1; Length 25;
Best Local Similarity 94.4%; Pred. No. 2.6e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      965 TGACTCTCTAAATCTGTT 982
Db      1 TGACTCTCTAAATCTGTT 18

RESULT 432
US-60-507-481-158156/c
; Sequence 158156, Application US/60507481
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Mounts, William M
; TITLE OF INVENTION: NUCLEIC ACID ARRAYS FOR DETECTING GENE EXPRESSION IN ANIMAL
; TITLE OF INVENTION: MODLES OF INFLAMMATORY DISEASES
; FILE REFERENCE: AM101084
; CURRENT APPLICATION NUMBER: US/60/507,481
; CURRENT FILING DATE: 2003-10-02
; NUMBER OF SEQ ID NOS: 210107
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 158156
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Canis familiaris
US-60-507-481-158156

Query Match      5.7%; Score 16.4; DB 1; Length 25;
Best Local Similarity 94.4%; Pred. No. 2.6e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      920 CATCACCACCACCCCTCCA 937
Db      25 CATCACCACCACCCCTCCA 8

RESULT 433
US-10-751-736-25128
; Sequence 25128, Application US/10751736
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; TITLE OF INVENTION: CANCERS
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: US/10/751,736
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
```

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; NUMBER OF SEQ ID NOS: 548734
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 25128
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAI
US-10-751-736-25128

Query Match          5.6%; Score 16.2; DB 1; Length 21;
Best Local Similarity 61.9%; Pred. No. 2.3e+02;
Matches 13; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

Qy 867 TTGGAACACTTCTCGAGATG 887
      :|||||:|||||
Db 1 UUGGACACUUCAGAGAG 21

RESULT 434
US-10-188-35581/c
; Sequence 35581, Application US/10310188
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENE
; FILE REFERENCE: 47487
; CURRENT APPLICATION NUMBER: US/10/310.188
; CURRENT FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 86841
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 35581
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-310-188-35581

Query Match          5.6%; Score 16.2; DB 1; Length 22;
Best Local Similarity 85.7%; Pred. No. 2.4e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 830 TCTCTTTCTCTCTGAGAC 850
      :|||||:|||||
Db 21 TTTCTTTCTCTCTGAGCC 1

RESULT 435
US-09-258-031B-61/c
; Sequence 61, Application US/09258031B
; GENERAL INFORMATION:
; APPLICANT: STUIVER, Maarten Hendrik
; APPLICANT: CUSTERS, Jerome Humbertina Henricus Victor
; APPLICANT: SELA-BURLAGE, Marianne Beatrice
; APPLICANT: MELCHERS, Leo Sjoerd
; APPLICANT: VAN DEVENTER-TROOST, Johanna Pieterella
; APPLICANT: LAGEWEG, Wessel
; APPLICANT: PONSTEIN, Anne Silene
; APPLICANT: LAGEWEG, Wessel
; APPLICANT: PONSTEIN, Anne Silene
; TITLE OF INVENTION: ANTIFUNGAL PROTEINS, DNA CODING
; TITLE OF INVENTION: THEREFOR, AND HOSTS INCORPORATING
; TITLE OF INVENTION: SAME.
; NUMBER OF SEQUENCES: 75
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LADAS & PARRY
; STREET: 26 WEST 61 STREET
; CITY: NEW YORK
; STATE: NY
; COUNTRY: USA
; ZIP: 10023 - 7604
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.25" Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 8
```

```
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/258,031B
; FILING DATE: 25-FEB-1999
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/EP97/04923
; FILING DATE: 04-SEP-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP97200831.2
; FILING DATE: 19-MAR-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP96202466.7
; FILING DATE: 04-SEP-1996
; INFORMATION FOR SEQ ID NO: 61:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
US-09-258-031B-61

Query Match          5.5%; Score 16; DB 1; Length 24;
Best Local Similarity 79.2%; Pred. No. 2.8e+02;
Matches 19; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 909 GATCAGATTATCATCACCACC 932
      :|||||:|||||
Db 24 GAGGAGATTATCATTAACATCACC 1

RESULT 436
US-09-258-031C-61/c
; Sequence 61, Application US/09258031C
; GENERAL INFORMATION:
; APPLICANT: STUIVER, Maarten Hendrik
; APPLICANT: CUSTERS, Jerome Humbertina Henricus Victor
; APPLICANT: SELA-BURLAGE, Marianne Beatrice
; APPLICANT: MELCHERS, Leo Sjoerd
; APPLICANT: VAN DEVENTER-TROOST, Johanna Pieterella
; APPLICANT: LAGEWEG, Wessel
; APPLICANT: PONSTEIN, Anne Silene
; APPLICANT: LAGEWEG, Wessel
; APPLICANT: PONSTEIN, Anne Silene
; TITLE OF INVENTION: ANTIFUNGAL PROTEINS, DNA CODING THEREFORE,
; AND HOSTS INCORPORATING SAME.
; NUMBER OF SEQUENCES: 77
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LADAS & PARRY
; STREET: 26 WEST 61 STREET
; CITY: NEW YORK
; STATE: NY
; COUNTRY: USA
; ZIP: 10023 - 7604
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.25" Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 8
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/258,031C
; FILING DATE: 25-FEB-1999
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/EP97/04923
; FILING DATE: 04-SEP-1997
; APPLICATION NUMBER: EP97200831.2
; FILING DATE: 19-MAR-1997
; APPLICATION NUMBER: EP96202466.7
; FILING DATE: 04-SEP-1996
; INFORMATION FOR SEQ ID NO: 61:
; SEQUENCE CHARACTERISTICS:
```

LENGTH: 24 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
SEQUENCE DESCRIPTION: SEQ ID NO: 61:
US-09-258-031C-61

Query Match 5.4%; Score 15.8; DB 1; Length 24;
Best Local Similarity 79.2%; Pred. No. 2.8e+02;
Matches 19; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 909 GATCAGATTATCATCCACCACC 932
DB 24 GAGGAGATTATCATTCATCACC 1

RESULT 437
US-10-310-188-79761/c
Sequence 79761, Application US/10310188

GENERAL INFORMATION:
APPLICANT: RosettaGenomics
TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENE
FILE REFERENCE: 47487
CURRENT APPLICATION NUMBER: US/10/310,188
CURRENT FILING DATE: 2002-12-19
NUMBER OF SEQ ID NOS: 86841
SOFTWARE: PatentIn version 3.1
SEQ ID NO 79761
LENGTH: 20
TYPE: DNA
ORGANISM: Homo sapiens
US-10-310-188-79761

Query Match 5.4%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 2.4e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 923 CACCACCACCCCTCCAGAGA 941
DB 19 CACCACCACCCCTCCAGAGA 1

RESULT 438
US-10-751-736-21318
Sequence 21318, Application US/10751736

GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: Martinez, Robert
APPLICANT: Brown, Eugene
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
FILE REFERENCE: AM100927 (031896-002000)
CURRENT APPLICATION NUMBER: US/10/751,736
CURRENT FILING DATE: 2003-01-06
PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
PRIOR FILING DATE: 2003-01-06
NUMBER OF SEQ ID NOS: 54873
SOFTWARE: PatentIn version 3.2
SEQ ID NO 21318
LENGTH: 21
TYPE: RNA
ORGANISM: RNA1
US-10-751-736-21318

Query Match 5.4%; Score 15.8; DB 1; Length 21;
Best Local Similarity 73.7%; Pred. No. 2.6e+02;
Matches 14; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 951 AAGAAGAGCCAAATGACT 969

DB 3 AAGAAGAGACAAACUUGACU 21

RESULT 439
US-10-032-585-4849/c
Sequence 4849, Application US/10032585

GENERAL INFORMATION:
APPLICANT: Terry, Roemer D.
APPLICANT: Bo, Jiang
APPLICANT: Charles, Boone
APPLICANT: Howard, Bussey
TITLE OF INVENTION: Gene Disruption Methodologies for Drug Target Discovery
FILE REFERENCE: 10182-005-999
CURRENT APPLICATION NUMBER: US/10/032,585
CURRENT FILING DATE: 2001-12-20
NUMBER OF SEQ ID NOS: 8000
SOFTWARE: PatentIn version 3.1
SEQ ID NO 4849
LENGTH: 22
TYPE: DNA
ORGANISM: Candida albicans
US-10-032-585-4849

Query Match 5.4%; Score 15.8; DB 1; Length 22;
Best Local Similarity 89.5%; Pred. No. 2.7e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 821 TTGGCTGTGCTCTTTTCT 839
DB 22 TGGCTGTGCTCTTTGCT 4

RESULT 440
US-10-310-188-35993/c
Sequence 35993, Application US/10310188

GENERAL INFORMATION:
APPLICANT: RosettaGenomics
TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENE
FILE REFERENCE: 47487
CURRENT APPLICATION NUMBER: US/10/310,188
CURRENT FILING DATE: 2002-12-19
NUMBER OF SEQ ID NOS: 86841
SOFTWARE: PatentIn version 3.1
SEQ ID NO 35993
LENGTH: 22
TYPE: DNA
ORGANISM: Homo sapiens
US-10-310-188-35993

Query Match 5.4%; Score 15.8; DB 1; Length 22;
Best Local Similarity 89.5%; Pred. No. 2.7e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 923 CACCACCACCCCTCCAGAGA 941
DB 20 CACCAACACCGTCCAGAGA 2

RESULT 441
US-10-303-778-545/c
Sequence 545, Application US/10303778

GENERAL INFORMATION:
APPLICANT: RosettaGenomics
TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL
TITLE OF INVENTION: REGULATORY GENES AND USES THEREOF
FILE REFERENCE: 47416
CURRENT APPLICATION NUMBER: US/10/303,778
CURRENT FILING DATE: 2002-11-26
NUMBER OF SEQ ID NOS: 17608
SOFTWARE: PatentIn version 3.1
SEQ ID NO 545

```

; LENGTH: 23
; TYPE: DNA
; ORGANISM: Equine herpesvirus 2
US-10-303-778-545

Query Match
Best Local Similarity 5.4%; Score 15.6; DB 1; Length 23;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 784 GCCCTCTGTCGTCAGAGCTC 805
DB 22 GCTCATCTCTGTCAGAGCTC 1

RESULT 442
US-08-637-676-2
; Sequence 2, Application US/08637676
; GENERAL INFORMATION:
; APPLICANT: Shunichi SHIOZAWA
; TITLE OF INVENTION: ANTAGONISTIC INHIBITOR FOR THE PROLIFERATION
; OF MESENCHYMAL CELLS
; NUMBER OF SEQUENCES: 2
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Wenderoth, Lind & Ponack
; STREET: 805 Fifteenth Street, N.W., #700
; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20005
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 5.25 inch, 500 kb
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: MS-DOS
; SOFTWARE: Wordperfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/637,676
; FILING DATE: July 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warren M. Cheek, Jr.
; REGISTRATION NUMBER: 33,367
; REFERENCE/DOCKET NUMBER:
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-371-8850
; TELEFAX:
; TELEX:
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 bases
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
US-08-637-676-2

Query Match
Best Local Similarity 5.4%; Score 15.6; DB 1; Length 24;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 800 GAGCTCTCTCCAACTCAGGCT 821
DB 1 GGGTTCTCTCTGACTCAGGCT 22

RESULT 443
US-09-514-339-2
; Sequence 2, Application US/09514339
; GENERAL INFORMATION:
; APPLICANT: Shunichi SHIOZAWA
; TITLE OF INVENTION: A Method for Therapy of Rheumatoid Arthritis
; FILE REFERENCE: 2000-0098/LC/00653
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warren M. Cheek, Jr.
; REGISTRATION NUMBER: 33,367
; REFERENCE/DOCKET NUMBER:
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-371-8850
; TELEFAX:
; TELEX:
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 bases
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
US-09-514-339-2

Query Match
Best Local Similarity 5.4%; Score 15.6; DB 1; Length 24;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 800 GAGCTCTCTCCAACTCAGGCT 821
DB 1 GGGTTCTCTCTGACTCAGGCT 22

RESULT 444
US-10-440-256-2
; Sequence 2, Application US/10440256
; GENERAL INFORMATION:
; APPLICANT: Shunichi SHIOZAWA
; TITLE OF INVENTION: A Method for Therapy of Rheumatoid Arthritis
; FILE REFERENCE: 2000-0098/WMC/00653
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/440,256
; FILING DATE: 2003-05-19
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/514,339
; FILING DATE: 2000-02-28
; PRIOR APPLICATION NUMBER: 08/637,676
; PRIOR FILING DATE: 1996-07-11
; PRIOR APPLICATION NUMBER: PCT/JP93/01581
; PRIOR FILING DATE: 1993-10-29
; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: SYNTHETIC
US-10-440-256-2

Query Match
Best Local Similarity 5.4%; Score 15.6; DB 1; Length 24;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 800 GAGCTCTCTCCAACTCAGGCT 821
DB 1 GGGTTCTCTCTGACTCAGGCT 22

RESULT 445
US-10-061-201-1116
; Sequence 1116, Application US/10061201
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN FOSH-LIKE PROTEIN 1
; FILE REFERENCE: PB0178
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/061,201
; FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; FILE REFERENCE: 2000-0098/LC/00653

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; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/328,205
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 1116
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-10-061-201-1116

```

```

Query Match 5.3%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 2.3e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

Qy 744 GTAGGGTCCAGGGTCC 760
Db 1 GTAGGGGCCAGGGTCC 17

```

```

RESULT 446
US-60-328-205-1116
; Sequence 1116, Application US/60328205
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: AECOMICA-26
; CURRENT APPLICATION NUMBER: US/60/328,205
; CURRENT FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 1116
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-60-328-205-1116

```

```

Query Match 5.3%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 2.3e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

Qy 744 GTAGGGTCCAGGGTCC 760
Db 1 GTAGGGGCCAGGGTCC 17

```

```

RESULT 447
US-09-179-536B-102/c
; Sequence 102, Application US/09179536B
; GENERAL INFORMATION:
; APPLICANT: Hubert K ster
; David M. Lough
; Guobing Xiang
; TITLE OF INVENTION: DNA DIAGNOSTICS BASED ON MASS SPECTROMETRY
; NUMBER OF SEQUENCES: 320
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Heller Ehrman White & McAuliffe
; STREET: 4250 Executive Square, 7th Floor
; CITY: La Jolla

```

```

; STATE: CA
; COUNTRY: USA
; ZIP: 92037
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: ASCII
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/179,536B
; FILING DATE: 26-Oct-1998
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US97/20444
; FILING DATE: 06-NOV-1997
; APPLICATION NUMBER: 08/947,801
; FILING DATE: 08-Oct-97
; APPLICATION NUMBER: 08/933,792
; FILING DATE: 19-Sep-97
; APPLICATION NUMBER: 08/787,639
; FILING DATE: 23-Jan-97
; APPLICATION NUMBER: 08/786,988
; FILING DATE: 23-Jan-97
; APPLICATION NUMBER: 08/746,055
; FILING DATE: 06-Nov-96
; APPLICATION NUMBER: 08/746,036
; FILING DATE: 06-Nov-96
; APPLICATION NUMBER: 08/744,590
; FILING DATE: 06-Nov-96
; APPLICATION NUMBER: 08/744,481
; FILING DATE: 06-Nov-96
; ATTORNEY/AGENT INFORMATION:
; NAME: Seidman, Stephanie L
; REGISTRATION NUMBER: 33,779
; REFERENCE/DOCKET NUMBER: 24736-2004B
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 858-450-8400
; TELEFAX: 858-587-5360
; TELEX: <Unknown>
; INFORMATION FOR SEQ ID NO: 102:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: unknown
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE: <Unknown>
; ORIGINAL SOURCE:
; SEQUENCE DESCRIPTION: SEQ ID NO: 102:
; US-09-179-536B-102

```

```

Query Match 5.3%; Score 15.4; DB 1; Length 19;
Best Local Similarity 94.1%; Pred. No. 2.6e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

Qy 753 CAGGGTCCCTAGGCCTC 769
Db 19 CAGGGTCCCTAGGCCTC 3

```

```

RESULT 448
US-09-297-576A-102/c
; Sequence 102, Application US/09297576A
; GENERAL INFORMATION:
; APPLICANT: KOSTER, Hubert
; APPLICANT: LITTLE, Daniel P.
; APPLICANT: BRAUN, Andreas
; APPLICANT: LOUGH, David M.
; APPLICANT: XIANG, Guobing
; APPLICANT: VAN DEN BOOM, Dirk
; APPLICANT: JURINKE, Christian

```


APPLICANT: RUPPERT, Andreas
TITLE OF INVENTION: DNA DIAGNOSTICS BASED ON MASS SPECTROMETRY
NUMBER OF SEQUENCES: 320
CORRESPONDENCE ADDRESS:
ADDRESSEE: Heller Ehrman White & McAuliffe
STREET: 4250 Executive Square, 7th Floor
CITY: La Jolla
STATE: CA
COUNTRY: USA
ZIP: 92037
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/297,576A
FILING DATE: 07-Jun-2000
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/947,801
FILING DATE: 08-Oct-97
APPLICATION NUMBER: 08/933,792
FILING DATE: 19-Sep-97
APPLICATION NUMBER: 08/787,639
FILING DATE: 23-Jan-97
APPLICATION NUMBER: 08/786,988
FILING DATE: 06-Nov-96
APPLICATION NUMBER: 08/746,055
FILING DATE: 06-Nov-96
APPLICATION NUMBER: 08/744,481
FILING DATE: 06-Nov-96
ATTORNEY/AGENT INFORMATION:
NAME: Seidman, Stephanie L
REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 24736-2004
TELEPHONE: 858-450-8400
TELEFAX: 858-450-8499
INFORMATION FOR SEQ ID NO: 102:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: unknown
MOLECULE TYPE: CDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE: <Unknown>
ORIGINAL SOURCE:
US-09-297-576A-102

Query Match 5.3%; Score 15.4; DB 1; Length 19;
Best Local Similarity 94.1%; Pred. No. 2.6e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 753 CAGGGTCCCTAGGCCTC 769
Db 19 CAGGGTCCCTAGGCCTC 3

RESULT 449
US-09-686-148-102/c
Sequence 102, Application US/09686148
GENERAL INFORMATION:
APPLICANT: KOSTER, Hubert
LITTLE, Daniel P.
BRAUN, Andreas
LOUGH, David M.

XIANG, Guobing
VAN DEN BOOM, Dirk
JURINKE, Christian
RUPPERT, Andreas
TITLE OF INVENTION: DNA DIAGNOSTICS BASED ON MASS SPECTROMETRY
NUMBER OF SEQUENCES: 320
CORRESPONDENCE ADDRESS:
ADDRESSEE: Heller Ehrman White & McAuliffe
STREET: 4250 Executive Square, 7th Floor
CITY: La Jolla
STATE: CA
COUNTRY: USA
ZIP: 92037
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/686,148
FILING DATE: 10-Oct-2000
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/297,576
FILING DATE: 28-Jun-99
APPLICATION NUMBER: 08/947,801
FILING DATE: 08-Oct-97
APPLICATION NUMBER: 08/933,792
FILING DATE: 19-Sep-97
APPLICATION NUMBER: 08/787,639
FILING DATE: 23-Jan-97
APPLICATION NUMBER: 08/786,988
FILING DATE: 23-Jan-97
APPLICATION NUMBER: 08/746,055
FILING DATE: 06-Nov-96
APPLICATION NUMBER: 08/746,036
FILING DATE: 06-Nov-96
APPLICATION NUMBER: 08/744,590
FILING DATE: 06-Nov-96
APPLICATION NUMBER: 08/744,481
FILING DATE: 06-Nov-96
ATTORNEY/AGENT INFORMATION:
NAME: Seidman, Stephanie L
REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 24736-2004
TELEPHONE: 858-450-8400
TELEFAX: 858-450-8499
INFORMATION FOR SEQ ID NO: 102:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: unknown
MOLECULE TYPE: CDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE: <Unknown>
ORIGINAL SOURCE:
SEQUENCE DESCRIPTION: SEQ ID NO: 102:
US-09-686-148-102

Query Match 5.3%; Score 15.4; DB 1; Length 19;
Best Local Similarity 94.1%; Pred. No. 2.6e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 753 CAGGGTCCCTAGGCCTC 769
Db 19 CAGGGTCCCTAGGCCTC 3

RESULT 450
US-09-783-881-102/c

```

; Sequence 102, Application US/09783881
; GENERAL INFORMATION:
; APPLICANT: David M. Lough
;           Guobing Xiang
; TITLE OF INVENTION: DNA DIAGNOSTICS BASED ON MASS SPECTROMETRY
; NUMBER OF SEQUENCES: 320
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Heller Ehrman White & McLaughlin
; STREET: 4250 Executive Square, 7th Floor
; CITY: La Jolla
; STATE: CA
; COUNTRY: USA
; ZIP: 92037
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: ASCII
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/783,881
; FILING DATE: 13-Feb-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/179,536
; FILING DATE: 27-OCT-1998
; APPLICATION NUMBER: PCT/US97/20444
; FILING DATE: 06-NOV-1997
; APPLICATION NUMBER: 08/947,801
; FILING DATE: 08-Oct-97
; APPLICATION NUMBER: 08/933,792
; FILING DATE: 19-Sep-97
; APPLICATION NUMBER: 08/787,639
; FILING DATE: 23-Jan-97
; APPLICATION NUMBER: 08/786,988
; FILING DATE: 23-Jan-97
; APPLICATION NUMBER: 08/746,055
; FILING DATE: 06-Nov-96
; APPLICATION NUMBER: 08/746,036
; FILING DATE: 06-Nov-96
; APPLICATION NUMBER: 08/744,590
; FILING DATE: 06-Nov-96
; APPLICATION NUMBER: 08/744,481
; FILING DATE: 06-Nov-96
; ATTORNEY/AGENT INFORMATION:
; NAME: Seidman, Stephanie L
; REGISTRATION NUMBER: 33,779
; REFERENCE/DOCKET NUMBER: 24736-2004B
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 858-450-8400
; TELEFAX: 858-587-5360
; TELEX: <Unknown>
; INFORMATION FOR SEQ ID NO: 102:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: unknown
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE: <Unknown>
; ORIGINAL SOURCE:
; SEQUENCE DESCRIPTION: SEQ ID NO: 102:
;
US-09-783-881-102
;
Query Match 5.3%; Score 15.4; DB 1; Length 19;
Best Local Similarity 94.1%; Pred. No. 2.6e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 753 CAGGGTCCCTAGGCTC 769
DB 19 CAGGGTCCCTAGGCTC 3
|||||

```

```
Db 17 GACAGTGACTCTGGTCA 1
RESULT 453
US-10-289-762-5931/c
; Sequence 5931, Application US/10289762
; GENERAL INFORMATION:
; APPLICANT: Grifrais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/10/289,762
; CURRENT FILING DATE: 2003-03-27
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 5931
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-10-289-762-5931
Query Match 5.3%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 2.8e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 728 CTGGTCATAGGACTTGG 744
Db 17 CTGGTCATAGGACTTGG 1
RESULT 454
US-10-310-188-12327
; Sequence 12327, Application US/10310188
; GENERAL INFORMATION:
; APPLICANT: Rosettacemomics
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENES
; TITLE OF INVENTION: USES THEREOF
; FILE REFERENCE: 47487
; CURRENT APPLICATION NUMBER: US/10/310,188
; CURRENT FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 86841
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 12327
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-310-188-12327
Query Match 5.3%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 2.8e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 832 TCTTTCTCTCTCTGAAG 848
Db 3 TCTTGTCTCTCTGAAG 19
RESULT 455
US-10-144-577-18
; Sequence 18, Application US/10144577
; GENERAL INFORMATION:
; APPLICANT: MacLeod, Alan Robert
; TITLE OF INVENTION: Inhibitors of DNA Methyltransferase Isoforms
; FILE REFERENCE: MET-005
; CURRENT APPLICATION NUMBER: US/10/144,577
; CURRENT FILING DATE: 2002-05-13
; PRIOR APPLICATION NUMBER: US 60/290,202
; PRIOR FILING DATE: 2001-05-11
; PRIOR APPLICATION NUMBER: US 60/290,212
; PRIOR FILING DATE: 2001-05-11
; NUMBER OF SEQ ID NOS: 49
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 18
```

```
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-144-577-18
Query Match 5.2%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Qy 853 CGTCCTGGCTCCAGTTGGAA 872
Db 1 CGTCGTGGCTCCAGTTACAA 20
RESULT 456
US-10-144-577-20
; Sequence 20, Application US/10144577
; GENERAL INFORMATION:
; APPLICANT: MacLeod, Alan Robert
; TITLE OF INVENTION: Inhibitors of DNA Methyltransferase Isoforms
; FILE REFERENCE: MET-005
; CURRENT APPLICATION NUMBER: US/10/144,577
; CURRENT FILING DATE: 2002-05-13
; PRIOR APPLICATION NUMBER: US 60/290,202
; PRIOR FILING DATE: 2001-05-11
; PRIOR APPLICATION NUMBER: US 60/290,212
; PRIOR FILING DATE: 2001-05-11
; NUMBER OF SEQ ID NOS: 49
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 20
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-144-577-20
Query Match 5.2%; Score 15.2; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 3e+02;
Matches 16; Conservative 1; Mismatches 3; Indels 0; Gaps 0;
Qy 853 CGTCCTGGCTCCAGTTGGAA 872
Db 1 CGUCGTGGCTCCAGTTACAA 20
RESULT 457
US-10-144-577-46
; Sequence 46, Application US/10144577
; GENERAL INFORMATION:
; APPLICANT: MacLeod, Alan Robert
; TITLE OF INVENTION: Inhibitors of DNA Methyltransferase Isoforms
; FILE REFERENCE: MET-005
; CURRENT APPLICATION NUMBER: US/10/144,577
; CURRENT FILING DATE: 2002-05-13
; PRIOR APPLICATION NUMBER: US 60/290,202
; PRIOR FILING DATE: 2001-05-11
; PRIOR APPLICATION NUMBER: US 60/290,212
; PRIOR FILING DATE: 2001-05-11
; NUMBER OF SEQ ID NOS: 49
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 46
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-144-577-46
Query Match 5.2%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Qy 853 CGTCCTGGCTCCAGTTGGAA 872
Db 1 CGTCGTGGCTCCAGTTACAA 20
```

RESULT 458
US-10-298-123-32
; Sequence 32, Application US/10298123
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF PROTEIN KINASE D2 EXPRESSION
; FILE REFERENCE: HTS-0050
; CURRENT APPLICATION NUMBER: US/10/298,123
; CURRENT FILING DATE: 2002-11-16
; NUMBER OF SEQ ID NOS: 76
; SEQ ID NO 32
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-298-123-32

Query Match 5.2%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 781 GCAGCCCTCTGGTCCCAAG 800
Db 1 GCAGCACCTCGGTGCCCAGG 20

RESULT 459
US-10-298-123-63/c
; Sequence 63, Application US/10298123
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF PROTEIN KINASE D2 EXPRESSION
; FILE REFERENCE: HTS-0050
; CURRENT APPLICATION NUMBER: US/10/298,123
; CURRENT FILING DATE: 2002-11-16
; NUMBER OF SEQ ID NOS: 76
; SEQ ID NO 63
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-298-123-63

Query Match 5.2%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 781 GCAGCCCTCTGGTCCCAAG 800
Db 20 GCAGCACCTCGGTGCCCAGG 1

RESULT 460
US-10-303-778-634/c
; Sequence 634, Application US/10303778
; GENERAL INFORMATION:
; APPLICANT: Rosetagenomics
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL
; FILE REFERENCE: 47416
; CURRENT APPLICATION NUMBER: US/10/303,778
; CURRENT FILING DATE: 2002-11-26
; NUMBER OF SEQ ID NOS: 17608
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 634
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-303-778-634

Query Match 5.2%; Score 15.2; DB 1; Length 20;

Best Local Similarity 85.0%; Pred. No. 3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 839 TTCTCTGAAGACAGCGTCTCT 858
Db 20 TTCTCTGACACAGTGTCTCT 1

RESULT 461
PCT-US03-17676-47/c
; Sequence 47, Application PC/TUS0317676
; GENERAL INFORMATION:
; APPLICANT: Sequenom, Inc.
; APPLICANT: Adam, Gail Isabel
; APPLICANT: Langdown, Maria
; APPLICANT: Roth, Richard
; APPLICANT: Denissenko, Mikhail
; APPLICANT: Smylie, Kevin
; TITLE OF INVENTION: DIAGNOSING PREDISPOSITION TO PAT
; TITLE OF INVENTION: DEPOSITION AND THERAPEUTIC METHODS FOR REDUCING FAT
; FILE REFERENCE: 52459-20030.40
; CURRENT APPLICATION NUMBER: PCT/US03/17676
; CURRENT FILING DATE: 2003-06-04
; PRIOR APPLICATION NUMBER: US 60/386,012
; PRIOR FILING DATE: 2002-06-04
; NUMBER OF SEQ ID NOS: 99
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 47
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
PCT-US03-17676-47

Query Match 5.2%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 3.1e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 822 TGGCTGTGTCTCTTTTCITTC 841
Db 20 TGTCTGTGTCTCTTTTCITTC 1

RESULT 462
US-10-455-552-47/c
; Sequence 47, Application US/10455552
; GENERAL INFORMATION:
; APPLICANT: Adam, Gail Isabel
; APPLICANT: Langdown, Maria
; APPLICANT: Roth, Richard
; APPLICANT: Denissenko, Mikhail
; APPLICANT: Smylie, Kevin
; TITLE OF INVENTION: DIAGNOSING PREDISPOSITION TO PAT
; TITLE OF INVENTION: DEPOSITION AND THERAPEUTIC METHODS FOR REDUCING FAT
; FILE REFERENCE: 52459-20030.00
; CURRENT APPLICATION NUMBER: US/10/455,552
; CURRENT FILING DATE: 2003-06-04
; PRIOR APPLICATION NUMBER: US 60/386,012
; PRIOR FILING DATE: 2002-06-04
; NUMBER OF SEQ ID NOS: 98
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 47
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-455-552-47

Query Match 5.2%; Score 15.2; DB 1; Length 21;

```
Best Local Similarity 85.0%; Pred. No. 3.1e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 822 TGGCTGTCTCTTTTCTTC 841
Db 20 TGTCTCTGTCTTTTCTTC 1

RESULT 463
US-10-751-736-14101/c
; Sequence 14101, Application US/10751736
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Brown, Eugene
; APPLICANT: Martinez, Robert
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; TITLE OF INVENTION: CANCERS
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: US/10/751,736
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 14101
; LENGTH: 21
; TYPE: DNA
; ORGANISM: homo sapiens
US-10-751-736-14101

Query Match 5.2%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 3.1e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 732 TCATAGGACTTGGTAGGCTC 751
Db 20 TCTTAGGACTTGGTAAGTTC 1

RESULT 464
US-10-751-736-45443
; Sequence 45443, Application US/10751736
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; TITLE OF INVENTION: CANCERS
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: US/10/751,736
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 45443
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi
US-10-751-736-45443

Query Match 5.2%; Score 15.2; DB 1; Length 21;
Best Local Similarity 65.0%; Pred. No. 3.1e+02;
Matches 13; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

QY 927 ACCACCCCTCCAGAGATTTT 946
Db 1 ACCACCCACAGAGAAUUUU 20

RESULT 465
```

```
US-10-303-778-250/c
; Sequence 250, Application US/10303778
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATICAALLY DETECTABLE GROUP OF NOVEL VIRAL
; TITLE OF INVENTION: REGULATORY GENES AND USES THEREOF
; FILE REFERENCE: 47416
; CURRENT APPLICATION NUMBER: US/10/303,778
; CURRENT FILING DATE: 2002-11-26
; NUMBER OF SEQ ID NOS: 17608
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 250
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-303-778-250

Query Match 5.2%; Score 15.2; DB 1; Length 22;
Best Local Similarity 85.0%; Pred. No. 3.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 918 ATCATCACCACACCCCTCCA 937
Db 20 AGCATCATCTCCACCCCTCCA 1

RESULT 466
US-10-310-188-39943
; Sequence 39943, Application US/10310188
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATICAALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENE
; TITLE OF INVENTION: USES THEREOF
; FILE REFERENCE: 47487
; CURRENT APPLICATION NUMBER: US/10/310,188
; CURRENT FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 86841
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 39943
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-310-188-39943

Query Match 5.2%; Score 15.2; DB 1; Length 22;
Best Local Similarity 85.0%; Pred. No. 3.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 859 GGCTCCAGTTGGACACTTT 878
Db 3 GGCAGAAGTTGGAACACTTT 22

RESULT 467
US-09-007-761B-13
; Sequence 13, Application US/09007761B
; GENERAL INFORMATION:
; APPLICANT: Grobet, Luc; Georges, Michel; and Poncelet, Dominique
; TITLE OF INVENTION: MUTATIONS IN THE MYOSTATIN GENE CAUSING DOUBLE-MUSCLING IN
; TITLE OF INVENTION: MAMMALS
; FILE REFERENCE: 52836/00010
; CURRENT APPLICATION NUMBER: US/09/007,761B
; CURRENT FILING DATE: 1998-01-15
; PRIOR APPLICATION NUMBER: 08/891,789
; PRIOR FILING DATE: 1997-07-14
; NUMBER OF SEQ ID NOS: 54
; SEQ ID NO 13
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Artificially Synthesized Primer Sequence
US-09-007-761B-13
```

```
Query Match          5.2%; Score 15.2; DB 1; Length 23;
Best Local Similarity 85.0%; Pred. No. 3.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 840 TCTCTGAAGACAGCGTCTCTG 859
Db 4 TCACTGAAGAAACGTCCTG 23

RESULT 468
US-09-482-573B-13
; Sequence 13, Application US/09482573B
; GENERAL INFORMATION:
; APPLICANT: Grobet, Luc; Georges, Michel; and Poncelet, Dominique
; TITLE OF INVENTION: MUTATIONS IN THE MYOSTATIN GENE CAUSING DOUBLE-MUSCLING IN MAMMAL
; FILE REFERENCE: 52836/00016
; CURRENT APPLICATION NUMBER: US/09/482,573B
; PRIOR FILING DATE: 2000-01-13
; PRIOR APPLICATION NUMBER: 08/891,789
; PRIOR FILING DATE: 1997-07-14
; PRIOR APPLICATION NUMBER: 09/007,761
; PRIOR FILING DATE: 1998-01-15
; PRIOR APPLICATION NUMBER: PCT/IB98/01197
; PRIOR FILING DATE: 1998-07-14
; NUMBER OF SEQ ID NOS: 54
; SEQ ID NO 13
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Artificially Synthesized Primer Sequence
US-09-482-573B-13

Query Match          5.2%; Score 15.2; DB 1; Length 23;
Best Local Similarity 85.0%; Pred. No. 3.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 840 TCTCTGAAGACAGCGTCTCTG 859
Db 4 TCACTGAAGAAACGTCCTG 23

RESULT 469
US-09-482-573D-13
; Sequence 13, Application US/09482573D
; GENERAL INFORMATION:
; APPLICANT: Grobet, Luc
; APPLICANT: Poncelet, Dominique
; APPLICANT: Georges, Michel
; TITLE OF INVENTION: Mutations In The Myostatin Gene Cause Double-Muscling In Mammals
; FILE REFERENCE: 2132.114
; CURRENT APPLICATION NUMBER: US/09/482,573D
; PRIOR FILING DATE: 2000-01-13
; PRIOR APPLICATION NUMBER: US 08/891,789
; PRIOR FILING DATE: 1997-07-14
; PRIOR APPLICATION NUMBER: US 09/007,761
; PRIOR FILING DATE: 1998-01-15
; PRIOR APPLICATION NUMBER: PCT/IB98/01197
; PRIOR FILING DATE: 1998-07-14
; NUMBER OF SEQ ID NOS: 79
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 13
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: primer sequence
US-09-482-573D-13

Query Match          5.2%; Score 15.2; DB 1; Length 23;
Best Local Similarity 85.0%; Pred. No. 3.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 840 TCTCTGAAGACAGCGTCTCTG 859
Db 4 TCACTGAAGAAACGTCCTG 23

RESULT 470
US-10-251-115-13
; Sequence 13, Application US/10251115
; GENERAL INFORMATION:
; APPLICANT: Grobet, Luc; Georges, Michel; and Poncelet, Dominique
; TITLE OF INVENTION: MUTATIONS IN THE MYOSTATIN GENE CAUSING DOUBLE-MUSCLING IN MAMMAL
; FILE REFERENCE: 52836/00016
; CURRENT APPLICATION NUMBER: US/10/251,115
; CURRENT FILING DATE: 2002-09-20
; PRIOR APPLICATION NUMBER: US/09/482,573
; PRIOR FILING DATE: 2000-01-13
; PRIOR APPLICATION NUMBER: 08/891,789
; PRIOR FILING DATE: 1997-07-14
; PRIOR APPLICATION NUMBER: 09/007,761
; PRIOR FILING DATE: 1998-01-15
; PRIOR APPLICATION NUMBER: PCT/IB98/01197
; PRIOR FILING DATE: 1998-07-14
; NUMBER OF SEQ ID NOS: 54
; SEQ ID NO 13
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Artificially Synthesized Primer Sequence
US-10-251-115-13

Query Match          5.2%; Score 15.2; DB 1; Length 23;
Best Local Similarity 85.0%; Pred. No. 3.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 840 TCTCTGAAGACAGCGTCTCTG 859
Db 4 TCACTGAAGAAACGTCCTG 23

RESULT 471
US-10-310-188-9812/c
; Sequence 9812, Application US/10310188
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENES
; FILE REFERENCE: 47487
; CURRENT APPLICATION NUMBER: US/10/310,188
; CURRENT FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 86841
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 9812
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; OTHER INFORMATION:
US-10-310-188-9812

Query Match          5.2%; Score 15; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 3e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 923 CACCACACCCCTCCA 937
Db 18 CACCACACCCCTCCA 4

RESULT 472
US-10-310-188-16316
; Sequence 16316, Application US/10310188
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
```

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; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENES
; FILE OF INVENTION:  US THEREOF
; FILE REFERENCE: 47487
; CURRENT APPLICATION NUMBER: US/10/310,188
; CURRENT FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 86841
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 16316
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-310-188-16316

Query Match      5.2%; Score 15; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 3e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      747 GGGTCCCGAGGGTCCC 761
Db      4 GGGTCCCGAGGGTCCC 18

RESULT 473
US-10-151-754B-30/c
; Sequence 30, Application US/10151754B
; GENERAL INFORMATION:
; APPLICANT: KURITA WATER INDUSTRIES LTD.
; TITLE OF INVENTION: Nucleic acid, nucleic acid for detecting dechlorination bacteria,
; TITLE OF INVENTION: method for
; TITLE OF INVENTION: detecting dechlorination bacteria and method for treating earth
; TITLE OF INVENTION: water polluted
; TITLE OF INVENTION: by chlorinated ethylene or chlorinated ethane
; FILE REFERENCE: JP-241
; CURRENT APPLICATION NUMBER: US/10/151,754B
; CURRENT FILING DATE: 2002-05-15
; PRIOR APPLICATION NUMBER: JP 2001-149915
; PRIOR FILING DATE: 2001-05-18
; PRIOR APPLICATION NUMBER: JP 2002-21348
; PRIOR FILING DATE: 2002-01-30
; NUMBER OF SEQ ID NOS: 68
; SEQ ID NO 30
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; LOCATION: (1)...(20)
; OTHER INFORMATION: primer
US-10-151-754B-30

Query Match      5.2%; Score 15; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.1e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      916 TTATCATCACCACCA 930
Db      17 TTATCATCACCACCA 3

RESULT 474
PCT-US00-12065-22
; Sequence 22, Application PC/TUS0012065
; GENERAL INFORMATION:
; APPLICANT: Synaptic Pharmaceutical Corporation
; TITLE OF INVENTION: DNA Encoding SNORF36a and SNORF36b Receptors
; FILE REFERENCE: 59138-B-PCT/JPW
; CURRENT APPLICATION NUMBER: PCT/US00/12065
; CURRENT FILING DATE: 2000-05-03
; PRIOR APPLICATION NUMBER: 09/518,914
; PRIOR FILING DATE: 2000-03-03
; PRIOR APPLICATION NUMBER: 09/303,593
; PRIOR FILING DATE: 1999-05-03
; NUMBER OF SEQ ID NOS: 48
; SOFTWARE: PatentIn Ver. 2.1

```

Mon Jul 12 11:21:16 2004

Best Local Similarity 78.3%; Pred. No. 3.7e+02; Mismatches 5; Indels 0; Gaps 0;

QY 842 TCTGAAGACAGCGCTCTGGCTCC 864
Db 1 TCTGGAGAGCCCGCTCTGTCTCC 23

RESULT 477
US-10-018-192-46
; Sequence 46, Application US/10018192
; GENERAL INFORMATION:
; APPLICANT: Syntex Pharmaceuticals Corporation
; TITLE OF INVENTION: DNA Encoding SNORF36a and SNORF36b Receptors
; FILE REFERENCE: 59138-B-PCT/JPW
; CURRENT APPLICATION NUMBER: US/10/018,192
; CURRENT FILING DATE: 2002-11-01
; PRIOR APPLICATION NUMBER: 09/518,914
; PRIOR FILING DATE: 2000-03-03
; PRIOR APPLICATION NUMBER: 09/303,593
; PRIOR FILING DATE: 1999-05-03
; NUMBER OF SEQ ID NOS: 48
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 46
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer/probe
US-10-018-192-46

Query Match 5.2%; Score 15; DB 1; Length 23;
Best Local Similarity 78.3%; Pred. No. 3.7e+02; Mismatches 5; Indels 0; Gaps 0;

QY 842 TCTGAAGACAGCGCTCTGGCTCC 864
Db 1 TCTGGAGAGCCCGCTCTGTCTCC 23

RESULT 478
US-10-146-835-22
; Sequence 22, Application US/10146835
; GENERAL INFORMATION:
; APPLICANT: Borowsky, Beth E.
; APPLICANT: Ogozalek, Kristine L.
; APPLICANT: Lakhlani, Parul P.
; APPLICANT: Adham, Nika
; TITLE OF INVENTION: DNA ENCODING SNORF36a AND SNORF36b RECEPTORS
; FILE REFERENCE: 59138-A/JPW
; CURRENT APPLICATION NUMBER: US/10/146,835
; CURRENT FILING DATE: 2002-05-16
; PRIOR APPLICATION NUMBER: US/09/518,914
; PRIOR FILING DATE: 2000-03-03
; PRIOR APPLICATION NUMBER: US 09/303,593
; PRIOR FILING DATE: 1999-05-03
; NUMBER OF SEQ ID NOS: 44
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 22
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
US-10-146-835-22

Query Match 5.2%; Score 15; DB 1; Length 23;
Best Local Similarity 78.3%; Pred. No. 3.7e+02; Mismatches 5; Indels 0; Gaps 0;

QY 842 TCTGAAGACAGCGCTCTGGCTCC 864
Db 1 TCTGGAGAGCCCGCTCTGTCTCC 23

RESULT 479
US-10-287-820-54/c
; Sequence 54, Application US/10287820
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Mycoplasma pneumoniae M129 complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/287,820
; CURRENT FILING DATE: 2002-11-05
; NUMBER OF SEQ ID NOS: 2066
; SOFTWARE: Proprietary
; SEQ ID NO 54
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Mycoplasma pneumoniae M129 complete genome.
; FEATURE:
; LOCATION: (8257)...(8278)
; OTHER INFORMATION: Chromosome = 1 Strand = negative
US-10-287-820-54

Query Match 5.2%; Score 15; DB 1; Length 23;
Best Local Similarity 78.3%; Pred. No. 3.7e+02; Mismatches 5; Indels 0; Gaps 0;

QY 794 TGCCAAGAGCTCTCTCCCAATC 816
Db 23 TTCCAAGAGCTCTCATCCTTCCC 1

RESULT 480
US-10-293-338-7514
; Sequence 7514, Application US/10293338
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY GENES AND
; FILE REFERENCE: 45282
; CURRENT APPLICATION NUMBER: US/10/293,338
; CURRENT FILING DATE: 2002-11-14
; NUMBER OF SEQ ID NOS: 8785
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 7514
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-293-338-7514

Query Match 5.2%; Score 15; DB 1; Length 23;
Best Local Similarity 78.3%; Pred. No. 3.7e+02; Mismatches 5; Indels 0; Gaps 0;

QY 927 ACCACCTCCAGAGATTTTACG 949
Db 1 ACAACACTCCCAAGATTTTAA 23

RESULT 481
US-10-336-855-15/c
; Sequence 15, Application US/10336855
; GENERAL INFORMATION:
; APPLICANT: KLIPPEL-GIESE, ANKE
; APPLICANT: KAUFMANN, JORG
; APPLICANT: GIESE, KLAUS
; TITLE OF INVENTION: COMPOUNDS AND METHODS FOR THE IDENTIFICATION AND/OR
; TITLE OF INVENTION: VALIDATION OF A TARGET
; FILE REFERENCE: 39078-0002
; CURRENT APPLICATION NUMBER: US/10/336,855
; CURRENT FILING DATE: 2003-02-06
; PRIOR APPLICATION NUMBER: EP 0200357.0
; PRIOR FILING DATE: 2002-01-04
; NUMBER OF SEQ ID NOS: 59


```
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 15
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Combined DNA/RNA Molecule:
; OTHER INFORMATION: Synthetic oligonucleotide
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-336-855-15

Query Match          5.2%; Score 15; DB 1; Length 23;
Best Local Similarity 100.0%; Pred. No. 3.7e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      805 CTCCTCCAACTCAGG 819
Db      20 CTCCTCCAACTCAGG 6

RESULT 482
US-10-719-993-55268
; Sequence 55268, Application US/10719993
; GENERAL INFORMATION:
; APPLICANT: CARGILL, Michele et al.
; TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
; FILE REFERENCE: ALZHEIMER'S DISEASE, METHODS OF DETECTION AND USES THEREOF
; CURRENT APPLICATION NUMBER: CL001496
; CURRENT FILING DATE: 2003-11-24
; NUMBER OF SEQ ID NOS: 5342
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 55268
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-719-993-55268

Query Match          5.2%; Score 15; DB 1; Length 23;
Best Local Similarity 78.3%; Pred. No. 3.7e+02;
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy      912 CAGATTATCATCACCACCCT 934
Db      1 CAGATTCTCATTAAGTACCAT 23

RESULT 483
US-09-451-662-25/c
; Sequence 25, Application US/09451662
; GENERAL INFORMATION:
; APPLICANT: Chowira, Bharat
; TITLE OF INVENTION: HAIRPIN RIBOZYMES
; NUMBER OF SEQUENCES: 48
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSEQ for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/451,662
; FILING DATE: 30-Nov-1999
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/773,297
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 223/225
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 27:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
```

```
;
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 27:
US-09-451-662-27

Query Match          5.1%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 3.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      840 TCTCTGAGACAGAGCTCC 857
Db      18 TCTCTGAGACAGAGCTCC 1

RESULT 485
PCT-US03-05045-188/c
; Sequence 188, Application PC/TUS0305045
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; APPLICANT: Pavco, Pamela
; APPLICANT: Fosnaugh, Kathy
; APPLICANT: Jamison, Sharon
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor
; FILE REFERENCE: 400/081 (MBHB 02-468-B)
; CURRENT APPLICATION NUMBER: PCT/US03/05045
; CURRENT FILING DATE: 2003-05-07
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: US 10/251,117
; PRIOR FILING DATE: 2002-09-19
; PRIOR APPLICATION NUMBER: US 10/163,552
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 10/277,494
; PRIOR FILING DATE: 2002-10-21
; PRIOR APPLICATION NUMBER: US 09/916,466
; PRIOR FILING DATE: 2001-07-25
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 1263
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 437
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
PCT-US03-05045-437

Query Match          5.1%; Score 14.8; DB 1; Length 19;
Best Local Similarity 72.2%; Pred. No. 3.1e+02;
Matches 13; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY      764 GGCTCCCACTTCGTGAGGG 781
Db      2 GGCCUCCUUCUACAGAGG 19

RESULT 487
PCT-US03-05045-631/c
; Sequence 631, Application PC/TUS0305045
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; APPLICANT: Pavco, Pamela
; APPLICANT: Fosnaugh, Kathy
; APPLICANT: Jamison, Sharon
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor
; FILE REFERENCE: 400/081 (MBHB 02-468-B)
; CURRENT APPLICATION NUMBER: PCT/US03/05045
; CURRENT FILING DATE: 2003-05-07
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: US 10/251,117
; PRIOR FILING DATE: 2002-09-19
; PRIOR APPLICATION NUMBER: US 10/163,552
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 10/277,494
; PRIOR FILING DATE: 2002-10-21
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 1263
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 188
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
PCT-US03-05045-188

Query Match          5.1%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 3.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      764 GGCTCCCACTTCGTGAGGG 781
Db      18 GGCTCCCTTCAGAGGG 1

RESULT 486
PCT-US03-05045-437
; Sequence 437, Application PC/TUS0305045
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics Inc.
```

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; PRIOR APPLICATION NUMBER: US 09/916,466
; PRIOR FILING DATE: 2001-07-25
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 1263
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 631
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense r
PCT-US03-05045-631

Query Match          5.1%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 3.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      895 TTCTCAGCTTCTGGGATC 912
      ||||| ||||| |||||
Db      18 TTCTCACCTTCTGGGATC 1

RESULT 488
PCT-US03-05045-938
; Sequence 938, Application PC/TUS0305045
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; APPLICANT: Pavco, Pamela
; APPLICANT: Fosnaugh, Kathy
; APPLICANT: Jamison, Sharon
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor
; FILE REFERENCE: 400/081 (MBH 02-468-B)
; CURRENT APPLICATION NUMBER: PCT/US03/05045
; CURRENT FILING DATE: 2003-05-07
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: US 10/251,117
; PRIOR FILING DATE: 2002-09-19
; PRIOR APPLICATION NUMBER: US 10/163,552
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 10/277,494
; PRIOR FILING DATE: 2002-10-21
; PRIOR APPLICATION NUMBER: US 09/916,466
; PRIOR FILING DATE: 2001-07-25
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 1263
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 938
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense r
PCT-US03-05045-938

Query Match          5.1%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 3.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      895 TTCTCAGCTTCTGGGATC 912
      ||||| ||||| |||||
Db      18 TTCTCACCTTCTGGGATC 1

RESULT 489
US-10-251-117-188/g
; Sequence 188, Application US/10251117
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor R
; FILE REFERENCE: 900/042 (MBH02-468-A)
; CURRENT APPLICATION NUMBER: US 10/251,117
; CURRENT FILING DATE: 2003-02-24
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: US 10/163,552
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 09/916,466
; PRIOR FILING DATE: 2001-07-25
; PRIOR APPLICATION NUMBER: US 60/296,249
; PRIOR FILING DATE: 2001-06-06
; NUMBER OF SEQ ID NOS: 1213
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 188
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siNA sense r
US-10-251-117-188

Query Match          5.1%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 3.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      764 GGCCTCCACTTCTGAGGG 781
      ||||| ||||| |||||
Db      18 GGCCTCCTTCTCAGAGGG 1

RESULT 490
US-10-251-117-437
; Sequence 437, Application US/10251117
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor R
; FILE REFERENCE: 900/042 (MBH02-468-A)
; CURRENT APPLICATION NUMBER: US 10/251,117
; CURRENT FILING DATE: 2003-02-24
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: US 10/163,552
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 09/916,466
; PRIOR FILING DATE: 2001-07-25
```

```

; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
PCT-US03-05045-938
```

```

Query Match          5.1%; Score 14.8; DB 1; Length 19;
Best Local Similarity 50.0%; Pred. No. 3.1e+02;
Matches 9; Conservative 7; Mismatches 2; Indels 0; Gaps 0;
```

```

Qy      895 TTCTCAGCTTCTGGGATC 912
      :||:| ||:| ||:| ||:|
Db      2 UUCUCACCUUCUGGGAUC 19
```

```

RESULT 489
US-10-251-117-188/g
; Sequence 188, Application US/10251117
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor R
; FILE REFERENCE: 900/042 (MBH02-468-A)
; CURRENT APPLICATION NUMBER: US 10/251,117
; CURRENT FILING DATE: 2003-02-24
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: US 10/163,552
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 09/916,466
; PRIOR FILING DATE: 2001-07-25
; PRIOR APPLICATION NUMBER: US 60/296,249
; PRIOR FILING DATE: 2001-06-06
; NUMBER OF SEQ ID NOS: 1213
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 188
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siNA sense r
US-10-251-117-188
```

```

Query Match          5.1%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 3.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```

Qy      764 GGCCTCCACTTCTGAGGG 781
      ||||| ||||| |||||
Db      18 GGCCTCCTTCTCAGAGGG 1
```

```

RESULT 490
US-10-251-117-437
; Sequence 437, Application US/10251117
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor R
; FILE REFERENCE: 900/042 (MBH02-468-A)
; CURRENT APPLICATION NUMBER: US 10/251,117
; CURRENT FILING DATE: 2003-02-24
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: US 10/163,552
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 09/916,466
; PRIOR FILING DATE: 2001-07-25
```

```
; PRIOR APPLICATION NUMBER: US 60/296,249
; PRIOR FILING DATE: 2001-06-06
; NUMBER OF SEQ ID NOS: 1213
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 437
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-251-117-437

Query Match          5.1%; Score 14.8; DB 1; Length 19;
Best Local Similarity 72.2%; Pred. No. 3.1e+02;
Matches 13; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 764 GGCCTCCACTTCTGAGGG 781
      |||||::||::|||
Db 2 GGCUCUCCUUCUGGAGG 19

RESULT 491
US-10-251-117-685/c
; Sequence 685, Application US/10251117
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor R
; TITLE OF INVENTION: Gene Expression Using Short Interfering RNA
; FILE REFERENCE: 900/042 (MEH802-468-A)
; CURRENT APPLICATION NUMBER: US/10/251,117
; CURRENT FILING DATE: 2003-02-24
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: US 10/163,552
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 09/916,466
; PRIOR FILING DATE: 2001-07-25
; PRIOR APPLICATION NUMBER: US 60/296,249
; PRIOR FILING DATE: 2001-06-06
; NUMBER OF SEQ ID NOS: 1213
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 685
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siNA sense r
US-10-251-117-685

Query Match          5.1%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 3.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 895 TTCTCAGCTTCTGCGATC 912
      |||||::|||
Db 18 TTCTCACCCTTCTGGGATC 1

RESULT 492
US-10-251-117-992
; Sequence 992, Application US/10251117
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor R
; TITLE OF INVENTION: Gene Expression Using Short Interfering RNA
; FILE REFERENCE: 900/042 (MEH802-468-A)
; CURRENT APPLICATION NUMBER: US/10/251,117
; CURRENT FILING DATE: 2003-02-24
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: US 10/163,552
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 09/916,466
; PRIOR FILING DATE: 2001-07-25
; PRIOR APPLICATION NUMBER: US 60/296,249
; PRIOR FILING DATE: 2001-06-06
; NUMBER OF SEQ ID NOS: 1213
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 992
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-251-117-992

Query Match          5.1%; Score 14.8; DB 1; Length 19;
Best Local Similarity 50.0%; Pred. No. 3.1e+02;
Matches 9; Conservative 7; Mismatches 2; Indels 0; Gaps 0;

QY 895 TTCTCAGCTTCTGCGATC 912
      |||||::|||
Db 2 UUCUACCUUCUGGGAUC 19

RESULT 493
PCT-US01-30551-55
; Sequence 55, Application PC/TUS0130551
; GENERAL INFORMATION:
; APPLICANT: Isis Pharmaceuticals, Inc.
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: OLIGONUCLEOTIDE MODULATION OF HER-1 EXPRESSION
; FILE REFERENCE: RTSP-0187
; CURRENT APPLICATION NUMBER: PCT/US01/30551
; CURRENT FILING DATE: 2001-09-28
; PRIOR APPLICATION NUMBER: 09/676,610
; PRIOR FILING DATE: 2000-09-29
; NUMBER OF SEQ ID NOS: 182
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
PCT-US01-30551-55

Query Match          5.1%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 3.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 895 TTCTCAGCTTCTGCGATC 912
      |||||::|||
Db 2 TTCTCACCCTTCTGGGATC 19

RESULT 494
PCT-US99-18701-3
; Sequence 3, Application PC/TUS9918701
; GENERAL INFORMATION:
; APPLICANT: SmithKline Beecham Corporation
; APPLICANT: ratC
; TITLE OF INVENTION: ratC
; FILE REFERENCE: GM10164
; CURRENT APPLICATION NUMBER: PCT/US99/18701
; CURRENT FILING DATE: 1999-08-17
; EARLIER APPLICATION NUMBER: 09/140,580
; EARLIER FILING DATE: 1997-08-27
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: FastSeq for Windows Version 3.0
```

```
; SEQ ID NO 3
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Streptococcus pneumoniae
PCT-US99-18701-3

Query Match          5.1%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. NO. 3.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 940 GAATTTTACGCAAGA 957
Db 3 GAAATTCGCAAGA 20

RESULT 495
US-08-339-516-6
; Sequence 6, Application US/08339516
; GENERAL INFORMATION:
; APPLICANT: Stuart F. Schlossman, Lee M. Nadler
; APPLICANT: and Arnold S. Freedman
; TITLE OF INVENTION: PURGING OF TUMOR CELLS
; TITLE OF INVENTION: FROM BONE MARROW USING MICROSPHERES AND
; TITLE OF INVENTION: MONOCLONAL ANTIBODIES
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Silverman, Cass & Singer
; STREET: 105 West Adams Street, 27th Floor
; CITY: Chicago
; STATE: Illinois
; COUNTRY: USA
; ZIP: 60603
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 5.25 in., 360 Kb
; COMPUTER: Zenith, Model ZF-148-41.
; OPERATING SYSTEM: MS DOS 3.10
; SOFTWARE: Xywrite III, Ver. 3.041
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/339,516
; FILING DATE: 14-NOV-1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/07/963,104
; FILING DATE: October 19, 1992
; APPLICATION NUMBER: US/07/799,087
; FILING DATE: November 27, 1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Myron C. Cass
; REGISTRATION NUMBER: 17,480
; REFERENCE/DOCKET NUMBER: 129,182
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (312) 726-6006
; TELEFAX: (312) 726-2520
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-339-516-6

Query Match          5.1%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. NO. 3.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 752 CCAGGTCCTTAGCCCTC 769
Db 2 CCAGGTCCTTAGCCCTC 19

RESULT 496
US-09-927-796-214
; Sequence 214, Application US/09927796
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Marsters, Scot A.
; APPLICANT: Pan, James
; APPLICANT: Pitti, Robert M.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Smith, Victoria
; APPLICANT: Stone, Donna M.
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; FILE REFERENCE: P2931R1C1
; CURRENT APPLICATION NUMBER: US/09/927,796
; CURRENT FILING DATE: 2001-08-09
; PRIOR APPLICATION NUMBER: 60/014699
; PRIOR FILING DATE: 1996-04-01
; PRIOR APPLICATION NUMBER: 60/026943
; PRIOR FILING DATE: 1996-09-23
; PRIOR APPLICATION NUMBER: 60/059121
; PRIOR FILING DATE: 1997-07-17
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/062037
; PRIOR FILING DATE: 1997-10-10
; PRIOR APPLICATION NUMBER: 60/063755
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063045
; PRIOR FILING DATE: 1997-10-24
; PRIOR APPLICATION NUMBER: 60/063046
; PRIOR FILING DATE: 1997-10-24
; PRIOR APPLICATION NUMBER: 60/066511
; PRIOR FILING DATE: 1997-11-24
; PRIOR APPLICATION NUMBER: 60/066772
; PRIOR FILING DATE: 1997-11-24
; PRIOR APPLICATION NUMBER: 60/067411
; PRIOR FILING DATE: 1997-12-03
; PRIOR APPLICATION NUMBER: 60/069862
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 60/082700
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/095929
; PRIOR FILING DATE: 1998-08-10
; PRIOR APPLICATION NUMBER: 60/097978
; PRIOR FILING DATE: 1998-08-26
; PRIOR APPLICATION NUMBER: 60/103396
; PRIOR FILING DATE: 1998-10-07
; PRIOR APPLICATION NUMBER: 60/108867
; PRIOR FILING DATE: 1998-11-17
; PRIOR APPLICATION NUMBER: 60/112851
; PRIOR FILING DATE: 1998-12-16
; PRIOR APPLICATION NUMBER: 60/119965
; PRIOR FILING DATE: 1999-02-12
; PRIOR APPLICATION NUMBER: 60/123972
; PRIOR FILING DATE: 1999-03-11
; PRIOR APPLICATION NUMBER: 60/133459
; PRIOR FILING DATE: 1999-05-11
; PRIOR APPLICATION NUMBER: 60/140650
; PRIOR FILING DATE: 1999-06-22
; PRIOR APPLICATION NUMBER: 60/140653
; PRIOR FILING DATE: 1999-06-22
; PRIOR APPLICATION NUMBER: 60/144758
; PRIOR FILING DATE: 1999-07-20
; PRIOR APPLICATION NUMBER: 60/145698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: 60/146222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: 60/149395
; PRIOR FILING DATE: 1999-08-17
; PRIOR APPLICATION NUMBER: 60/151689
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; PRIOR FILING DATE: 1999-08-31
; PRIOR APPLICATION NUMBER: 08/625328
; PRIOR FILING DATE: 1996-04-01
; PRIOR APPLICATION NUMBER: 08/710802
; PRIOR FILING DATE: 1996-09-23
; PRIOR APPLICATION NUMBER: 08/800699
; PRIOR FILING DATE: 1997-02-14
; PRIOR APPLICATION NUMBER: 08/828683
; PRIOR FILING DATE: 1997-03-31
; PRIOR APPLICATION NUMBER: 08/829270
; PRIOR FILING DATE: 1997-03-31
; PRIOR APPLICATION NUMBER: 08/928069
; PRIOR FILING DATE: 1997-09-11
; PRIOR APPLICATION NUMBER: 08/934494
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 09/143068
; PRIOR FILING DATE: 1998-08-28
; PRIOR APPLICATION NUMBER: 09/143707
; PRIOR FILING DATE: 1998-08-28
; PRIOR APPLICATION NUMBER: 09/151889
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 09/169104
; PRIOR FILING DATE: 1998-10-09
; PRIOR APPLICATION NUMBER: 09/202089
; PRIOR FILING DATE: 1998-12-08
; PRIOR APPLICATION NUMBER: 09/254311
; PRIOR FILING DATE: 1999-03-03
; PRIOR APPLICATION NUMBER: 09/304003
; PRIOR FILING DATE: 1999-04-30
; PRIOR APPLICATION NUMBER: 09/380137
; PRIOR FILING DATE: 1999-08-25
; PRIOR APPLICATION NUMBER: 09/380138
; PRIOR FILING DATE: 1999-08-25
; PRIOR APPLICATION NUMBER: 09/380139
; PRIOR FILING DATE: 1999-08-25
; PRIOR APPLICATION NUMBER: 09/403297
; PRIOR FILING DATE: 1999-10-18
; PRIOR APPLICATION NUMBER: 09/423844
; PRIOR FILING DATE: 1999-11-12
; PRIOR APPLICATION NUMBER: 09/511133
; PRIOR FILING DATE: 2000-02-23
; PRIOR APPLICATION NUMBER: 09/511631
; PRIOR FILING DATE: 2000-02-23
; PRIOR APPLICATION NUMBER: 09/64610
; PRIOR FILING DATE: 2000-09-18
; PRIOR APPLICATION NUMBER: 09/665350
; PRIOR FILING DATE: 2000-09-18
; PRIOR APPLICATION NUMBER: 09/690169
; PRIOR FILING DATE: 2000-10-16
; PRIOR APPLICATION NUMBER: 09/690189
; PRIOR FILING DATE: 2000-10-16
; PRIOR APPLICATION NUMBER: 09/709238
; PRIOR FILING DATE: 2000-11-18
; PRIOR APPLICATION NUMBER: 09/866034
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: 09/872035
; PRIOR FILING DATE: 2001-06-01
; PRIOR APPLICATION NUMBER: 09/884733
; PRIOR FILING DATE: 2001-06-19
; PRIOR APPLICATION NUMBER: 09/886342
; PRIOR FILING DATE: 2001-06-19
; PRIOR APPLICATION NUMBER: 09/866028
; PRIOR FILING DATE: 2001-08-25
; PRIOR APPLICATION NUMBER: PCT/US97/05230
; PRIOR FILING DATE: 1997-03-31
; PRIOR APPLICATION NUMBER: PCT/US98/19094
; PRIOR FILING DATE: 1998-09-14
; PRIOR APPLICATION NUMBER: PCT/US98/19330
; PRIOR FILING DATE: 1998-09-16
; PRIOR APPLICATION NUMBER: PCT/US98/21407
; PRIOR FILING DATE: 1998-10-09
; PRIOR APPLICATION NUMBER: PCT/US98/25108
; PRIOR FILING DATE: 1998-12-01

; PRIOR APPLICATION NUMBER: PCT/US99/05028
; PRIOR FILING DATE: 1999-03-08
; PRIOR APPLICATION NUMBER: PCT/US99/12252
; PRIOR FILING DATE: 1999-06-02
; PRIOR APPLICATION NUMBER: PCT/US99/20111
; PRIOR FILING DATE: 1999-09-01
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28301
; PRIOR FILING DATE: 1999-12-01
; PRIOR APPLICATION NUMBER: PCT/US99/28634
; PRIOR FILING DATE: 1999-12-01
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; PRIOR APPLICATION NUMBER: PCT/US00/03565
; PRIOR FILING DATE: 2000-02-11
; PRIOR APPLICATION NUMBER: PCT/US00/04341
; PRIOR FILING DATE: 2000-02-18
; PRIOR APPLICATION NUMBER: PCT/US00/04342
; PRIOR FILING DATE: 2000-02-18
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: PCT/US00/05841
; PRIOR FILING DATE: 2000-03-02
; PRIOR APPLICATION NUMBER: PCT/US00/06884
; PRIOR FILING DATE: 2000-03-15
; PRIOR APPLICATION NUMBER: PCT/US00/08439
; PRIOR FILING DATE: 2000-03-30
; PRIOR APPLICATION NUMBER: PCT/US00/13705
; PRIOR FILING DATE: 2000-05-17
; PRIOR APPLICATION NUMBER: PCT/US00/14941
; PRIOR FILING DATE: 2000-05-30
; PRIOR APPLICATION NUMBER: PCT/US00/15264
; PRIOR FILING DATE: 2000-06-02
; PRIOR APPLICATION NUMBER: PCT/US00/20710
; PRIOR FILING DATE: 2000-07-28
; PRIOR APPLICATION NUMBER: PCT/US00/32678
; PRIOR FILING DATE: 2000-12-01
; PRIOR APPLICATION NUMBER: PCT/US01/17800
; PRIOR FILING DATE: 2001-06-01
; PRIOR APPLICATION NUMBER: PCT/US01/19692
; PRIOR FILING DATE: 2001-06-20
; PRIOR APPLICATION NUMBER: PCT/US01/21066
; PRIOR FILING DATE: 2001-06-29
; PRIOR APPLICATION NUMBER: PCT/US01/21735
; PRIOR FILING DATE: 2001-07-09
; NUMBER OF SEQ ID NOS: 258
; SEQ ID NO 214
; LENGTH: 20

Query Match 5.1%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred No. 3 3e-02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 760 CCTAGGCTCCACTTCTG 777
Db 1 CCTTGGCTCCACTTCTG 18

RESULT 497
US-10-210-951-214
; Sequence 214, Application US/10210951
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Marsters, Scot A.
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; APPLICANT: Pan,James
; APPLICANT: Pitti,Robert M.
; APPLICANT: Roy,Margaret Ann
; APPLICANT: Smith,Victoria
; APPLICANT: Stone,Donna M.
; APPLICANT: Watanabe,Colin K.
; APPLICANT: Wood,William I.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE TREATMENT OF TUMOR
; FILE REFERENCE: P2931R1C1
; CURRENT APPLICATION NUMBER: US/10/210,951
; CURRENT FILING DATE: 2002-08-02
; PRIOR APPLICATION NUMBER: 60/014699
; PRIOR FILING DATE: 1996-04-01
; PRIOR APPLICATION NUMBER: 60/026943
; PRIOR FILING DATE: 1996-09-23
; PRIOR APPLICATION NUMBER: 60/059121
; PRIOR FILING DATE: 1997-07-17
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/062037
; PRIOR FILING DATE: 1997-10-10
; PRIOR APPLICATION NUMBER: 60/063755
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063045
; PRIOR FILING DATE: 1997-10-24
; PRIOR APPLICATION NUMBER: 60/066511
; PRIOR FILING DATE: 1997-11-24
; PRIOR APPLICATION NUMBER: 60/066772
; PRIOR FILING DATE: 1997-11-24
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 258
; SEQ ID NO 214
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide Probe.
US-10-210-951-214

Query Match          5.1%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 3.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      760 CCTAGGCTCCACTTCTG 777
Db      1 CCTTGGCTCCACTTCTG 18

RESULT 498
US-10-211-858-214
; Sequence 214, Application US/10211858
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi,Avi J.
; APPLICANT: Goddard,Audrey
; APPLICANT: Godowski,Paul J.
; APPLICANT: Gurney,Austin L.
; APPLICANT: Hillan,Kenneth J.
; APPLICANT: Marsters,Scott A.
; APPLICANT: Pan,James
; APPLICANT: Pitti,Robert M.
; APPLICANT: Roy,Margaret Ann
; APPLICANT: Smith,Victoria
; APPLICANT: Stone,Donna M.
; APPLICANT: Watanabe,Colin K.
; APPLICANT: Wood,William I.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE TREATMENT OF TUMOR
; FILE REFERENCE: P2931R1C1
; CURRENT APPLICATION NUMBER: US/10/211,858
; CURRENT FILING DATE: 2002-08-02
; PRIOR APPLICATION NUMBER: 60/014699
; PRIOR FILING DATE: 1996-04-01
; PRIOR APPLICATION NUMBER: 60/026943
; PRIOR FILING DATE: 1996-09-23
; PRIOR APPLICATION NUMBER: 60/059121
; PRIOR FILING DATE: 1997-07-17
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/062037
; PRIOR FILING DATE: 1997-10-10
; PRIOR APPLICATION NUMBER: 60/063755
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063045
; PRIOR FILING DATE: 1997-10-24
; PRIOR APPLICATION NUMBER: 60/014699
; PRIOR FILING DATE: 1996-04-01

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; PRIOR APPLICATION NUMBER: 60/026943
; PRIOR FILING DATE: 1996-09-23
; PRIOR APPLICATION NUMBER: 60/059121
; PRIOR FILING DATE: 1997-07-17
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/062037
; PRIOR FILING DATE: 1997-10-10
; PRIOR APPLICATION NUMBER: 60/063755
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063045
; PRIOR FILING DATE: 1997-10-24
; PRIOR APPLICATION NUMBER: 60/063046
; PRIOR FILING DATE: 1997-10-24
; PRIOR APPLICATION NUMBER: 60/066511
; PRIOR FILING DATE: 1997-11-24
; PRIOR APPLICATION NUMBER: 60/066772
; PRIOR FILING DATE: 1997-11-24
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 258
; SEQ ID NO 214
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide Probe.
US-10-211-858-214

Query Match          5.1%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 3.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      760 CCTAGGCTCCACTTCTG 777
Db      1 CCTTGGCTCCACTTCTG 18

RESULT 499
US-10-211-884-214
; Sequence 214, Application US/10211884
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi,Avi J.
; APPLICANT: Goddard,Audrey
; APPLICANT: Godowski,Paul J.
; APPLICANT: Gurney,Austin L.
; APPLICANT: Hillan,Kenneth J.
; APPLICANT: Marsters,Scott A.
; APPLICANT: Pan,James
; APPLICANT: Pitti,Robert M.
; APPLICANT: Roy,Margaret Ann
; APPLICANT: Smith,Victoria
; APPLICANT: Stone,Donna M.
; APPLICANT: Watanabe,Colin K.
; APPLICANT: Wood,William I.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE TREATMENT OF TUMOR
; FILE REFERENCE: P2931R1C1
; CURRENT APPLICATION NUMBER: US/10/211,884
; CURRENT FILING DATE: 2002-08-02
; PRIOR APPLICATION NUMBER: 60/014699
; PRIOR FILING DATE: 1996-04-01
; PRIOR APPLICATION NUMBER: 60/026943
; PRIOR FILING DATE: 1996-09-23
; PRIOR APPLICATION NUMBER: 60/059121
; PRIOR FILING DATE: 1997-07-17
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/062037
; PRIOR FILING DATE: 1997-10-10
; PRIOR APPLICATION NUMBER: 60/063755
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063045
; PRIOR FILING DATE: 1997-10-24
; PRIOR APPLICATION NUMBER: 60/014699
; PRIOR FILING DATE: 1996-04-01

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; PRIOR FILING DATE: 1997-10-24
 ; PRIOR APPLICATION NUMBER: 60/066511
 ; PRIOR FILING DATE: 1997-11-24
 ; PRIOR APPLICATION NUMBER: 60/066772
 ; PRIOR FILING DATE: 1997-11-24
 ; Remaining Prior Application data removed - See File Wrapper or PALM.
 ; NUMBER OF SEQ ID NOS: 258
 ; SEQ ID NO 214
 ; LENGTH: 20
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Synthetic Oligonucleotide Probe.
 US-10-211-884-214

Query Match 5.1%; Score 14.8; DB 1; Length 20;
 Best Local Similarity 88.9%; Pred. No. 3.3e+02;
 Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 760 CCTAGCCCTCCACTCTG 777
 ||| ||||| |||||
 Db 1 CCTGGCCTCCACTTCTG 18

RESULT 500
 US-10-266-090-38558/c
 ; Sequence 3858, Application US/10266090
 ; GENERAL INFORMATION:
 ; APPLICANT: GOFF, STEPHEN
 ; APPLICANT: BONAN, CAROLINE
 ; APPLICANT: COLBERT, MICHELLE
 ; APPLICANT: WANG, RONG-LIN
 ; TITLE OF INVENTION: CEREAL TRINUCLEOTIDE SIMPLE SEQUENCE
 ; TITLE OF INVENTION: REPEAT MARKERS AND THEIR USES
 ; FILE REFERENCE: NADII.058CI
 ; CURRENT APPLICATION NUMBER: US/10/266,090
 ; PRIOR FILING DATE: 2002-10-03
 ; PRIOR APPLICATION NUMBER: US 10/260,703
 ; PRIOR FILING DATE: 2002-09-26
 ; PRIOR APPLICATION NUMBER: US 60/326,117
 ; PRIOR FILING DATE: 2001-09-26
 ; NUMBER OF SEQ ID NOS: 51812
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 38558
 ; LENGTH: 20
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: PCR PRIMER FOR SEQUENCE FROM ORYZA SATIVA
 US-10-266-090-38558

Query Match 5.1%; Score 14.8; DB 1; Length 20;
 Best Local Similarity 88.9%; Pred. No. 3.3e+02;
 Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 923 CACCAACCCCTCCAGAG 940
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 Db 19 CATCAACCACTCCAGAG 2

RESULT 501
 US-10-310-188-23264
 ; Sequence 23264, Application US/10310188
 ; GENERAL INFORMATION:
 ; APPLICANT: RosettaGenomics
 ; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENE
 ; TITLE OF INVENTION: USES THEREOF
 ; FILE REFERENCE: 47487
 ; CURRENT APPLICATION NUMBER: US/10/310,188
 ; PRIOR FILING DATE: 2002-12-19
 ; NUMBER OF SEQ ID NOS: 86841
 ; SOFTWARE: PatentIn version 3.1
 ; SEQ ID NO 23264

; LENGTH: 20
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 US-10-310-188-23264

Query Match 5.1%; Score 14.8; DB 1; Length 20;
 Best Local Similarity 88.9%; Pred. No. 3.3e+02;
 Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 825 CTCGTCTCTTTTCTCT 842
 ||| ||||| |||||
 Db 3 CTGGGTCTGTTTCTCT 20

RESULT 502
 US-10-380-931-55
 ; Sequence 55, Application US/10380931
 ; GENERAL INFORMATION:
 ; APPLICANT: Isis Pharmaceuticals, Inc.
 ; APPLICANT: C. Frank Bennett
 ; APPLICANT: Jacqueline Wyatt
 ; APPLICANT: Susan M. Freier
 ; TITLE OF INVENTION: OLIGONUCLEOTIDE INHIBITION OF HER-1 EXPRESSION
 ; FILE REFERENCE: RTSP-0187
 ; CURRENT APPLICATION NUMBER: US/10/380,931
 ; CURRENT FILING DATE: 2003-03-18
 ; PRIOR APPLICATION NUMBER: 09/676,610
 ; PRIOR FILING DATE: 2000-09-29
 ; NUMBER OF SEQ ID NOS: 182
 ; SEQ ID NO 55
 ; LENGTH: 20
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Antisense Oligonucleotide
 US-10-380-931-55

Query Match 5.1%; Score 14.8; DB 1; Length 20;
 Best Local Similarity 88.9%; Pred. No. 3.3e+02;
 Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 895 TTCTCAGCTTCGGATC 912
 ||||| ||||| |||||
 Db 2 TTCTCAGCTTCGGATC 19

RESULT 503
 US-10-014-877-3
 ; Sequence 3, Application US/10014877
 ; GENERAL INFORMATION:
 ; APPLICANT: Albert, Matthew L
 ; APPLICANT: Bhargwaj, Nina
 ; APPLICANT: Inaba, Kayo
 ; APPLICANT: Steinman, Ralph M.
 ; TITLE OF INVENTION: Methods for Use of Apoptotic Cells to
 ; TITLE OF INVENTION: Deliver Antigen to Dendritic Cells for Induction or
 ; TITLE OF INVENTION: Tolerization of T Cells
 ; FILE REFERENCE: 600-1-291CON
 ; CURRENT APPLICATION NUMBER: US/10/014,877
 ; CURRENT FILING DATE: 2002-02-25
 ; PRIOR APPLICATION NUMBER: US 09/251,896
 ; PRIOR FILING DATE: 1999-02-19
 ; PRIOR APPLICATION NUMBER: PCT/US99/03763
 ; PRIOR FILING DATE: 1999-02-19
 ; PRIOR APPLICATION NUMBER: US 60/075,356
 ; PRIOR FILING DATE: 1998-02-20
 ; NUMBER OF SEQ ID NOS: 6
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 3
 ; LENGTH: 22
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:


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; OTHER INFORMATION: primer
US-10-014-877-3

Query Match          5.1%; Score 14.8; DB 1; Length 22;
Best Local Similarity 88.9%; Pred. No. 3.7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 820 GTTGCTGTGTCCTTTT 837
DB 1 GTTGCTGTGCCATT 18

RESULT 504
US-10-014-877A-3
; Sequence 3, Application US/10014877A
; GENERAL INFORMATION:
; APPLICANT: Albert, Matthew L
; APPLICANT: Bhargwaj, Nina
; APPLICANT: Steinman, Ralph M.
; TITLE OF INVENTION: Methods for Use of Apoptotic Cells to
; TITLE OF INVENTION: Deliver Antigen to Dendritic Cells for Induction or
; TITLE OF INVENTION: Toleration of T Cells
; FILE REFERENCE: 600-1-291CON
; CURRENT APPLICATION NUMBER: US/10/014,877A
; CURRENT FILING DATE: 2002-02-25
; PRIOR APPLICATION NUMBER: US 09/251,896
; PRIOR FILING DATE: 1999-02-19
; PRIOR APPLICATION NUMBER: PCT/US99/03763
; PRIOR FILING DATE: 1999-02-19
; PRIOR APPLICATION NUMBER: US 60/075,356
; PRIOR FILING DATE: 1998-02-20
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
US-10-014-877A-3

Query Match          5.1%; Score 14.8; DB 1; Length 22;
Best Local Similarity 88.9%; Pred. No. 3.7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 820 GTTGCTGTGTCCTTTT 837
DB 1 GTTGCTGTGCCATT 18

RESULT 505
US-10-310-188-56399
; Sequence 56399, Application US/10310188
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BCI:INFORMATICALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENE
; TITLE OF INVENTION: USES THEREOF
; FILE REFERENCE: 47487
; CURRENT APPLICATION NUMBER: US/10/310,188
; CURRENT FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 86841
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 56399
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-310-188-56399

Query Match          5.1%; Score 14.8; DB 1; Length 22;
Best Local Similarity 88.9%; Pred. No. 3.7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 820 GTTGCTGTGTCCTTTT 837
DB 1 GTTGCTGTGCCATT 18

RESULT 506
US-10-014-877-3
; Sequence 5, Application PC/TUS0115254
; GENERAL INFORMATION:
; APPLICANT: Cedars-Sinai Medical Center (Applicant)
; APPLICANT: Gregory A. Horwitz (Inventor)
; APPLICANT: Gregory A. Horwitz (Inventor)
; APPLICANT: Xun Zhang (Inventor)
; APPLICANT: Shlomo Melmed (Inventor)
; APPLICANT: Anthony P. Heaney (Inventor)
; TITLE OF INVENTION: PITUITARY TUMOR TRANSFORMING GENE (PTTG)
; TITLE OF INVENTION: CARBOXY-TERMINAL PEPTIDES AND METHODS OF USE THEREOF TO
; TITLE OF INVENTION: INHIBIT NEOPLASTIC CELLULAR PROLIFERATION AND/OR
; FILE REFERENCE: 18810-81401
; CURRENT APPLICATION NUMBER: PCT/US01/15254
; CURRENT FILING DATE: 2001-05-12
; PRIOR APPLICATION NUMBER: US 09/777,422
; PRIOR FILING DATE: 2001-02-05
; PRIOR APPLICATION NUMBER: US 09/730,469
; PRIOR FILING DATE: 2000-12-04
; PRIOR APPLICATION NUMBER: US 09/687,911
; PRIOR FILING DATE: 2000-10-13
; PRIOR APPLICATION NUMBER: US 09/569,956
; PRIOR FILING DATE: 2000-05-12
; NUMBER OF SEQ ID NOS: 68
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 50
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Reverse primer 2-306R
PCT-US01-15254-50

Query Match          5.0%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 819 GGTGCTGTGTCCTTTTCT 839
DB 1 GCTTGCTGTTTGTCTTCT 21

RESULT 507
PCT-US01-15437-50
; Sequence 50, Application PC/TUS0115437
; GENERAL INFORMATION:
; APPLICANT: Cedars-Sinai Medical Center (Applicant)
; APPLICANT: Anthony P. Heaney (Inventor)
; APPLICANT: Hiroki Ishikawa (Inventor)
; APPLICANT: Run Yu (Inventor)
; APPLICANT: Gregory A. Horwitz (Inventor)
; APPLICANT: Xun Zhang (Inventor)
; APPLICANT: Shlomo Melmed (Inventor)
; APPLICANT: Anthony P. Heaney (Inventor)
; TITLE OF INVENTION: METHODS OF MODULATING ANGIOGENESIS BY
; TITLE OF INVENTION: REGULATING THE EXPRESSION OF PITUITARY TUMOR TRANSFORMING
; FILE REFERENCE: 18810-81110
; CURRENT APPLICATION NUMBER: PCT/US01/15437
; CURRENT FILING DATE: 2001-05-12
; PRIOR APPLICATION NUMBER: US 09/777,422
; PRIOR FILING DATE: 2001-02-05
; PRIOR APPLICATION NUMBER: US 09/730,469
; PRIOR FILING DATE: 2000-12-04
; PRIOR APPLICATION NUMBER: US 09/687,911
; PRIOR FILING DATE: 2000-10-13
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; PRIOR APPLICATION NUMBER: US 09/569,956
; PRIOR FILING DATE: 2000-05-12
; NUMBER OF SEQ ID NOS: 68
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 50
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Reverse primer 2-306R
PCT-US01-15437-50

Query Match      5.0%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      819 GCTTGGCTGTGCTCTTTCT 839
Db      1 GCTTGGCTGTGCTTTTCT 21

RESULT 508
PCT-US03-41492-74
; Sequence 74, Application PC/TUS0341492
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: C. Frank Bennett
; APPLICANT: Brenda P. Baker
; APPLICANT: Tim Vickers
; TITLE OF INVENTION: MODULATION OF PTEN EXPRESSION VIA OLIGOMERIC COMPOUNDS
; FILE REFERENCE: ISIS0004-503W0
; CURRENT APPLICATION NUMBER: PCT/US03/41492
; CURRENT FILING DATE: 2003-12-30
; PRIOR APPLICATION NUMBER: US 10/336,213
; PRIOR FILING DATE: 2003-01-03
; NUMBER OF SEQ ID NOS: 90
; SEQ ID NO 74
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide
PCT-US03-41492-74

Query Match      5.0%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      819 GCTTGGCTGTGCTCTTTCT 839
Db      1 GCTTGGCTGTGCTTTTCT 21

RESULT 509
US-09-544-525-6/c
; Sequence 6, Application US/09544525
; GENERAL INFORMATION:
; APPLICANT: Luche, Ralf M.
; APPLICANT: Wei, Bo
; TITLE OF INVENTION: DSP-3 DUAL-SPECIFICITY PHOSPHATASE
; FILE REFERENCE: 200125.408
; CURRENT APPLICATION NUMBER: US/09/544,525
; CURRENT FILING DATE: 2000-04-06
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 6
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer used to obtain full length cDNA encoding
US-09-544-525-6

Query Match      5.0%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      819 GCTTGGCTGTGCTCTTTCT 839
Db      1 GCTTGGCTGTGCTTTTCT 21

RESULT 510
US-09-544-525A-6/c
; Sequence 6, Application US/09544525A
; GENERAL INFORMATION:
; APPLICANT: Luche, Ralf M.
; APPLICANT: Wei, Bo
; TITLE OF INVENTION: DSP-3 DUAL-SPECIFICITY PHOSPHATASE
; FILE REFERENCE: 200125.408
; CURRENT APPLICATION NUMBER: US/09/544,525A
; CURRENT FILING DATE: 2000-04-06
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 6
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer used to obtain full length cDNA encoding
US-09-544-525A-6

Query Match      5.0%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      717 GGAGAGTGACTCTGGTCATAG 737
Db      21 GGAGCGTGACACTGGTGATCG 1

RESULT 511
US-09-608-062-6/c
; Sequence 6, Application US/09608062
; GENERAL INFORMATION:
; APPLICANT: Luche, Ralf M.
; APPLICANT: Wei, Bo
; TITLE OF INVENTION: DSP-3 DUAL-SPECIFICITY PHOSPHATASE
; FILE REFERENCE: 200125.408c1
; CURRENT APPLICATION NUMBER: US/09/608,062
; CURRENT FILING DATE: 2000-06-29
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 6
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer used to obtain full length cDNA encoding
US-09-608-062-6

Query Match      5.0%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      717 GGAGAGTGACTCTGGTCATAG 737
Db      21 GGAGCGTGACACTGGTGATCG 1

RESULT 512
US-09-854-326-50
; Sequence 50, Application US/09854326
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; GENERAL INFORMATION:
; APPLICANT: Toni R. Prezant (Inventor)
; APPLICANT: Shlomo Melmed (Inventor)
; APPLICANT: Anthony P. Heaney (Inventor)
; TITLE OF INVENTION: METHOD OF REGULATING BIOLOGICAL ACTIVITY
; TITLE OF INVENTION: OF PITUITARY TUMOR TRANSFORMING GENE (PTTG)1 USING PTTG2
; FILE REFERENCE: 18810-81401
; CURRENT APPLICATION NUMBER: US/09/854,326
; CURRENT FILING DATE: 2001-05-11
; PRIOR APPLICATION NUMBER: US09/730,469
; PRIOR FILING DATE: 2000-12-04
; PRIOR APPLICATION NUMBER: US 09/687,911
; PRIOR FILING DATE: 2000-10-13
; PRIOR APPLICATION NUMBER: US 09/569,956
; PRIOR FILING DATE: 2000-05-12
; PRIOR APPLICATION NUMBER: US 08/894,251
; PRIOR FILING DATE: 1999-07-23
; PRIOR APPLICATION NUMBER: PCT/US86/21463
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: US 60/031,338
; PRIOR FILING DATE: 1996-11-21
; NUMBER OF SEQ ID NOS: 68
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 50
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Reverse primer 2-306R
US-09-854-326-50

Query Match          5.0%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      819 GGTGGCTGTCTCTTTCT 839
Db      1 GCTTGGCTGTCTTTCTTTCT 21

RESULT 513
US-10-310-188-66712/c
; Sequence 66712, Application US/10310188
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENE
; TITLE OF INVENTION: USES THEREOF
; FILE REFERENCE: 47487
; CURRENT APPLICATION NUMBER: US/10/310,188
; CURRENT FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 86841
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 66712
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-310-188-66712

Query Match          5.0%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      821 TTGGCTGTCTCTTTCTTC 841
Db      21 TTGGCGCTCTCTTTCTGC 1

RESULT 514
US-10-336-213B-74
; Sequence 74, Application US/10336213B
; GENERAL INFORMATION:
; APPLICANT: Brett P. Moria
; APPLICANT: Lex M. Cowser

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; APPLICANT: Robert McKay
; APPLICANT: Tim Vickers
; TITLE OF INVENTION: ANTISENSE MODULATION OF PTEN EXPRESSION
; FILE REFERENCE: ISIS0004-100
; CURRENT APPLICATION NUMBER: US/10/336,213B
; CURRENT FILING DATE: 2003-01-03
; PRIOR APPLICATION NUMBER: US 60/411,780
; PRIOR FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: US 09/878,582
; PRIOR FILING DATE: 2001-06-11
; PRIOR APPLICATION NUMBER: US 09/577,902
; PRIOR FILING DATE: 2000-05-24
; PRIOR APPLICATION NUMBER: PCT/US99/29594
; PRIOR FILING DATE: 1999-12-14
; PRIOR APPLICATION NUMBER: US 09/358,381
; PRIOR FILING DATE: 1999-07-21
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 74
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide
US-10-336-213B-74

Query Match          5.0%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      819 GGTGGCTGTCTCTTTCT 839
Db      1 GGTGGCTTGTCTTTATTT 21

RESULT 515
US-10-349-143-10230
; Sequence 10230, Application US/10349143
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 10230
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: downstream amplification primer 99-10630 for SEQ 2365, in complem
US-10-349-143-10230

Query Match          5.0%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      968 CTCTCTAAATCTGGTGTATGG 988
Db      1 CTCTCAATCTCTGTATGG 21

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RESULT 516
US-10-388-263-897
; Sequence 937, Application US/10388263
; GENERAL INFORMATION:
; APPLICANT: Cowsert, Lex M.
; APPLICANT: Baker, Brenda F.
; APPLICANT: McNeil, John
; APPLICANT: Freier, Susan M.
; APPLICANT: Sasmor, Henri M.
; APPLICANT: Brooks, Douglas G.
; APPLICANT: Ohashi, Cara
; APPLICANT: Wyatt, Jacqueline R.
; APPLICANT: Borchers, Alexander
; APPLICANT: Vickers, Timothy A.
; TITLE OF INVENTION: IDENTIFICATION OF GENETIC TARGETS FOR
; MODULATION BY OLIGONUCLEOTIDES AND
; GENERATION OF OLIGONUCLEOTIDES FOR GENE MODULATION
; FILE REFERENCE: ISIS-4503
; CURRENT APPLICATION NUMBER: US/10/388,263
; CURRENT FILING DATE: 2003-03-12
; NUMBER OF SEQ ID NOS: 947
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 897
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligomeric Compound
US-10-388-263-897

Query Match 5.0%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 819 GGTGGCTGCTGCTCTTTCT 839
DB 1 GGTGGCTTGTGCTTTATTT 21

RESULT 517
US-10-388-263-933/c
; Sequence 933, Application US/10388263
; GENERAL INFORMATION:
; APPLICANT: Cowsert, Lex M.
; APPLICANT: Baker, Brenda F.
; APPLICANT: McNeil, John
; APPLICANT: Freier, Susan M.
; APPLICANT: Sasmor, Henri M.
; APPLICANT: Brooks, Douglas G.
; APPLICANT: Ohashi, Cara
; APPLICANT: Wyatt, Jacqueline R.
; APPLICANT: Borchers, Alexander
; APPLICANT: Vickers, Timothy A.
; TITLE OF INVENTION: IDENTIFICATION OF GENETIC TARGETS FOR
; MODULATION BY OLIGONUCLEOTIDES AND
; GENERATION OF OLIGONUCLEOTIDES FOR GENE MODULATION
; FILE REFERENCE: ISIS-4503
; CURRENT APPLICATION NUMBER: US/10/388,263
; CURRENT FILING DATE: 2003-03-12
; NUMBER OF SEQ ID NOS: 947
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 933
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligomeric Compound
US-10-388-263-933

Query Match 5.0%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 817 AGGTTGGCTGCTGCTCTTTT 837
DB 21 AAGTTGGCTTGTGCTTTATTT 1

RESULT 518
US-10-658-661-6/c
; Sequence 6, Application US/10658661
; GENERAL INFORMATION:
; APPLICANT: Luche, Ralf M.
; APPLICANT: Wei, Bo
; TITLE OF INVENTION: DSP-3 DUAL-SPECIFICITY PHOSPHATASE
; FILE REFERENCE: 200125.408C2
; CURRENT APPLICATION NUMBER: US/10/658,661
; CURRENT FILING DATE: 2003-09-08
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 6
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer used to obtain full length cDNA encoding
; OTHER INFORMATION: DSP-3
US-10-658-661-6

Query Match 5.0%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 717 GGAGAGTGACTGCTGCATAG 737
DB 21 GGAGCGTGACACTGGGATCG 1

RESULT 519
US-10-751-736-26860/c
; Sequence 26860, Application US/10751736
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; CANCERS
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: US/10/751,736
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 26860
; LENGTH: 21
; TYPE: DNA
; ORGANISM: homo sapiens
US-10-751-736-26860

Query Match 5.0%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 857 CTGGCTCCAGTTGGAACACTT 877
DB 21 CTGGCTCCAGTTGGAACACTT 1

RESULT 520
US-10-751-736-35912
; Sequence 35912, Application US/10751736
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
US-10-751-736-35912

; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; TITLE OF INVENTION: CANCERS
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: US/10/751,736
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 35912
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNA1
US-10-751-736-35912

Query Match 5.0%; Score 14.6; DB 1; Length 21;
Best Local Similarity 42.9%; Pred. No. 3.8e+02;
Matches 9; Conservative 8; Mismatches 4; Indels 0; Gaps 0;

Qy 876 TTTCCTGAGTGCCTACTT 896
:::|||||:|:|:|:
Db 1 UUUUCUGAGUCCUGGCUU 21

RESULT 521
US-10-751-736-40983
; Sequence 40983, Application US/10751736
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; TITLE OF INVENTION: CANCERS
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: US/10/751,736
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 40983
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNA1
US-10-751-736-40983

Query Match 5.0%; Score 14.6; DB 1; Length 21;
Best Local Similarity 47.6%; Pred. No. 3.8e+02;
Matches 10; Conservative 7; Mismatches 4; Indels 0; Gaps 0;

Qy 835 TTTCCTCTGAGACAGCGT 855
:::|||||:|:|:|:
Db 1 UUUUCAGUCUACAGACGUCU 21

RESULT 522
US-10-751-736-41325
; Sequence 41325, Application US/10751736
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; TITLE OF INVENTION: CANCERS
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: US/10/751,736
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06

; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 41325
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNA1
US-10-751-736-41325

Query Match 5.0%; Score 14.6; DB 1; Length 21;
Best Local Similarity 47.6%; Pred. No. 3.8e+02;
Matches 10; Conservative 7; Mismatches 4; Indels 0; Gaps 0;

Qy 834 TTTCCTCTCTGAGACAGCG 854
:::|||||:|:|:|:
Db 1 UUUUCAGUCUACAGACGUCG 21

RESULT 523
PCT-US02-29915-51/c
; Sequence 51, Application PC/TUS0229915
; GENERAL INFORMATION:
; APPLICANT: Curagen Corporation
; APPLICANT: Shimkets, Richard A.
; APPLICANT: LaRocheille, William
; TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES AND PROTEINS ENCODED THEREBY
; FILE REFERENCE: 15966-540C-061
; CURRENT APPLICATION NUMBER: PCT/US02/29915
; CURRENT FILING DATE: 2002-10-15
; PRIOR APPLICATION NUMBER: 60/123,667
; PRIOR FILING DATE: 1999-03-09
; PRIOR APPLICATION NUMBER: 09/520,781
; PRIOR FILING DATE: 2000-03-03
; PRIOR APPLICATION NUMBER: 60/234,082
; PRIOR FILING DATE: 2000-09-20
; PRIOR APPLICATION NUMBER: 60/233,798
; PRIOR FILING DATE: 2000-09-19
; PRIOR APPLICATION NUMBER: 60/174,485
; PRIOR FILING DATE: 2000-01-04
; PRIOR APPLICATION NUMBER: 09/957,187
; PRIOR FILING DATE: 2002-09-19
; NUMBER OF SEQ ID NOS: 85
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 51
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
PCT-US02-29915-51

Query Match 5.0%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 4e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 826 TGTGTCTCTTTTCTCTCTGA 846
|||||:|:|:|:
Db 21 TGTGTCTTTTCTCTCGTGA 1

RESULT 524
US-09-520-781-51/c
; Sequence 51, Application US/09520781
; GENERAL INFORMATION:
; APPLICANT: Shimkets, Richard A.
; TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES AND PROTEINS ENCODED THEREBY
; FILE REFERENCE: 15966-540 Novel Polynucleotides
; CURRENT APPLICATION NUMBER: US/09/520,781
; CURRENT FILING DATE: 2000-03-08
; PRIOR APPLICATION NUMBER: USSN 60/123,667
; PRIOR FILING DATE: 1999-03-09
; NUMBER OF SEQ ID NOS: 81
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 51


```
RESULT 529
US-09-991-053-51/c
; Sequence 51, Application US/09991053
; GENERAL INFORMATION:
; APPLICANT: Shinkets, Richard A.
; TITLE OF INVENTION: NOVEL NUCLEIC ACID SEQUENCES ENCODING HUMAN SLIT-,
; FILE REFERENCE: 15366-540 CON S-10
; CURRENT APPLICATION NUMBER: US/09/991,053
; PRIOR FILING DATE: 2001-11-21
; PRIOR APPLICATION NUMBER: USSN 60/123,667
; PRIOR FILING DATE: 1999-03-09
; PRIOR APPLICATION NUMBER: 09/520,781
; PRIOR FILING DATE: 2000-03-08
; NUMBER OF SEQ ID NOS: 81
; SOFTWARE: Patent in Ver. 2.1
; SEQ ID NO 51
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-991-053-51

Query Match          5.0%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 4e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 826 TGTGCTCTTTCTCTCTGA 846
Db 21 TGTGCTGTTTCTCTCGTGA 1

RESULT 530
US-10-084-839-1065/c
; Sequence 1065, Application US/10084839
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Allawi, Hatim
; APPLICANT: Argue, Brad T.
; APPLICANT: Bartholomay, Christian T.
; APPLICANT: Chenhak, LuAnne
; APPLICANT: Curtis, Michelle L.
; APPLICANT: Eis, Peggy S.
; APPLICANT: Hall, Jeff G.
; APPLICANT: Ip, Hon S.
; APPLICANT: Ji, Lin
; APPLICANT: Kaiser, Michael
; APPLICANT: Kwiatkowski, Jr., Robert W.
; APPLICANT: Lukowiak, Andrew A.
; APPLICANT: Lyamichev, Victor
; APPLICANT: Lymaicheva, Natalie E.
; APPLICANT: Ma, WuPo
; APPLICANT: Neri, Bruce P.
; APPLICANT: Olson, Sarah M.
; APPLICANT: Olson-Munoz, Marilyn C.
; APPLICANT: Schaefer, James J.
; APPLICANT: Skrzypczynski, Zbigniew
; APPLICANT: Takova, Tsatska Y.
; APPLICANT: Thompson, Lisa C.
; APPLICANT: Vedvik, Kevin L.
; TITLE OF INVENTION: RNA Detection Assays
; FILE REFERENCE: FORS-06666
; CURRENT APPLICATION NUMBER: US/10/084,839
; CURRENT FILING DATE: 2002-02-26
; NUMBER OF SEQ ID NOS: 4004
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 1065
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
```

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; OTHER INFORMATION: Synthetic
US-10-084-839-1065

Query Match          5.0%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 4e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 968 CTCTTAATCTCGTGTATGG 988
Db 21 CTCTTAATCTGATCCAGG 1

RESULT 531
US-10-287-820-466/c
; Sequence 466, Application US/10287820
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Mycoplasma pneumoniae M129 complete genome.
; FILE REFERENCE: Jim Zeeger Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/287,820
; CURRENT FILING DATE: 2002-11-05
; NUMBER OF SEQ ID NOS: 2066
; SOFTWARE: Proprietary
; SEQ ID NO 466
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Mycoplasma pneumoniae M129 complete genome.
; FEATURE:
; LOCATION: (73296)...(73317)
; OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectronObjectNumber = 503
US-10-287-820-466

Query Match          5.0%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 4e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 796 CCAAGAGCTCTCTCCAACTC 816
Db 21 CCAAGAGCTCTCATCTCTCCC 1

RESULT 532
US-10-310-188-18113
; Sequence 18113, Application US/10310188
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENES
; FILE REFERENCE: 47487
; CURRENT APPLICATION NUMBER: US/10/310,188
; CURRENT FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 86841
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 18113
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-310-188-18113

Query Match          5.0%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 4e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 737 GGACTTGGTAGGTCCAGG 757
Db 2 GGAAGGGTAGGTCCAGAG 22

RESULT 533
US-09-541-946-1044
; Sequence 1044, Application US/09541946
; GENERAL INFORMATION:
; APPLICANT: Lander, Eric S.
```

APPLICANT: Cargill, Michele
APPLICANT: Altshuler, David M.
APPLICANT: Ireland, James S.
APPLICANT: Sklar, Pamela
APPLICANT: Patil, Nila
APPLICANT: Lipshutz, Robert J.
APPLICANT: Daley, George Q.
TITLE OF INVENTION: CHARACTERIZATION OF SINGLE NUCLEOTIDE
POLYMORPHISMS IN CODING REGIONS OF HUMAN GENES
FILE REFERENCE: 2825,1017-003
CURRENT APPLICATION NUMBER: US/09/541,946
PRIOR FILING DATE: 2000-03-31
PRIOR APPLICATION NUMBER: US 60/127,248
PRIOR FILING DATE: 1999-03-31
NUMBER OF SEQ ID NOS: 2889
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 1044
LENGTH: 17
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide primer
US-09-541-946-1044

Query Match 5.0%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 3.1e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 923 CACCACCCACCCCTCCAG 938
DB 1 CACCACCTCCCTCCAG 16

RESULT 534

US-10-061-201-1115
Sequence 1115, Application US/10061201
GENERAL INFORMATION:
APPLICANT: Shannon, Mark
TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
FILE REFERENCE: PB0178
CURRENT APPLICATION NUMBER: US/10/061,201
CURRENT FILING DATE: 2002-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 09/864,761
PRIOR FILING DATE: 2001-05-23
PRIOR APPLICATION NUMBER: US 60/328,205
PRIOR FILING DATE: 2001-10-10
NUMBER OF SEQ ID NOS: 4162
SOFTWARE: Acomica Sequence Listing Engine
SEQ ID NO 1115
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-10-061-201-1115

Query Match 5.0%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 3.1e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 744 GTAGGTCCTCCAGGTC 759
DB 2 GTAGGGGCCCCAGGTC 17

RESULT 535

US-10-061-201-1117
Sequence 1117, Application US/10061201
GENERAL INFORMATION:
APPLICANT: Shannon, Mark
TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
FILE REFERENCE: PB0178
CURRENT APPLICATION NUMBER: US/10/061,201
CURRENT FILING DATE: 2002-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 09/864,761
PRIOR FILING DATE: 2001-05-23
PRIOR APPLICATION NUMBER: US 60/328,205
PRIOR FILING DATE: 2001-10-10
NUMBER OF SEQ ID NOS: 4162
SOFTWARE: Acomica Sequence Listing Engine
SEQ ID NO 1117
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-10-061-201-1117

Query Match 5.0%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 3.1e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 745 TAGGTCCTCCAGGTC 760
DB 1 TAGGGGCCCCAGGTC 16

RESULT 536

US-10-303-778-15663/c
Sequence 15663, Application US/10303778
GENERAL INFORMATION:
APPLICANT: RosettaGenomics
TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL
REGULATORY GENES AND USES THEREOF
FILE REFERENCE: 47416
CURRENT APPLICATION NUMBER: US/10/303,778
CURRENT FILING DATE: 2002-11-26
NUMBER OF SEQ ID NOS: 17608
SOFTWARE: PatentIn version 3.1
SEQ ID NO 15663
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-10-303-778-15663

Query Match 5.0%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 3.1e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;


```
Db      18 CCACCACCTCTCCAGAG 3

RESULT 546
US-10-310-188-46018/c
; Sequence 46018, Application US/10310188
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENES
; FILE REFERENCE: 47487
; CURRENT APPLICATION NUMBER: US/10/310,188
; CURRENT FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 86841
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 46018
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-310-188-46018

Query Match      5.0%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      920 CATCACCACCCCTC 935
Db      20 CATCACCACCCATC 5

RESULT 547
US-10-751-736-20472/c
; Sequence 20472, Application US/10751736
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: US/10/751,736
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20472
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAI
US-10-751-736-20472

Query Match      5.0%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      915 ATTATCATCACCACCA 930
Db      17 ATTATCATCACCACCA 2

RESULT 548
US-10-751-736-21762/c
; Sequence 21762, Application US/10751736
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; FILE REFERENCE: AM100927 (031896-002000)
```

```
; CURRENT APPLICATION NUMBER: US/10/751,736
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 21762
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAI
US-10-751-736-21762

Query Match      5.0%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      915 ATTATCATCACCACCA 930
Db      17 ATTATCATCACCACCA 2

RESULT 549
US-10-751-736-22796
; Sequence 22796, Application US/10751736
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: US/10/751,736
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 22796
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAI
US-10-751-736-22796

Query Match      5.0%; Score 14.4; DB 1; Length 21;
Best Local Similarity 56.2%; Pred. No. 4e+02;
Matches 9; Conservative 6; Mismatches 1; Indels 0; Gaps 0;

Qy      727 TCTGTCATAGGACTT 742
Db      6 UCUGCUCUAGGACUU 21

RESULT 550
US-09-839-446-48/c
; Sequence 48, Application US/09839446
; GENERAL INFORMATION:
; APPLICANT: GERLACH, VALERIE L.
; APPLICANT: ELLERMAN, KAREN
; APPLICANT: MACDOUGALL, JOHN R.
; APPLICANT: SMITHSON, GLENDA
; TITLE OF INVENTION: NOVEL HUMAN PROTEINS, POLYNUCLEOTIDES ENCODING THEM AND
; FILE REFERENCE: 15966-776
; CURRENT APPLICATION NUMBER: US/09/839,446
; CURRENT FILING DATE: 2001-04-19
; PRIOR APPLICATION NUMBER: 60/198,293
; PRIOR FILING DATE: 2000-04-19
; PRIOR APPLICATION NUMBER: 60/198,645
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: 60/210,809
; PRIOR FILING DATE: 2000-06-09
; PRIOR APPLICATION NUMBER: 60/199,476
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; PRIOR FILING DATE: 2000-04-26
; PRIOR APPLICATION NUMBER: 60/200,025
; PRIOR FILING DATE: 2000-04-26
; PRIOR APPLICATION NUMBER: 60/224,610
; PRIOR FILING DATE: 2000-08-11
; PRIOR APPLICATION NUMBER: 60/200,024
; PRIOR FILING DATE: 2000-04-26
; PRIOR APPLICATION NUMBER: 60/199,880
; PRIOR FILING DATE: 2000-04-26
; PRIOR APPLICATION NUMBER: 60/218,591
; PRIOR FILING DATE: 2000-07-17
; PRIOR APPLICATION NUMBER: 60/271,814
; PRIOR FILING DATE: 2001-02-27
; NUMBER OF SEQ ID NOS: 49
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 48
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-839-446-48

Query Match          5.0%; Score 14.4; DB 1; Length 22;
Best Local Similarity 93.8%; Pred. No. 4.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      744 GTAGGTCCTCCAGGGTC 759
Db      16 GTAGGTCCTCCAGGGTC 1

RESULT 551
US-09-898-570-48/c
; Sequence 48, Application US/09898570
; GENERAL INFORMATION:
; APPLICANT: GERLACH, VALERIE L.
; APPLICANT: ELLERMAN, KAREN
; APPLICANT: MACDOUGALL, JOHN R.
; APPLICANT: SMITHSON, GLENDA
; TITLE OF INVENTION: NOVEL HUMAN PROTEINS, POLYNUCLEOTIDES ENCODING THEM AND
; TITLE OF INVENTION: METHODS OF USING THE SAME
; FILE REFERENCE: 15966-776CIP
; CURRENT APPLICATION NUMBER: US/09/898,570
; CURRENT FILING DATE: 2001-07-03
; PRIOR APPLICATION NUMBER: 60/198,293
; PRIOR FILING DATE: 2000-04-19
; PRIOR APPLICATION NUMBER: 60/198,645
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: 60/210,809
; PRIOR FILING DATE: 2000-06-09
; PRIOR APPLICATION NUMBER: 60/199,476
; PRIOR FILING DATE: 2000-04-26
; PRIOR APPLICATION NUMBER: 60/200,025
; PRIOR FILING DATE: 2000-04-26
; PRIOR APPLICATION NUMBER: 60/224,610
; PRIOR FILING DATE: 2000-08-11
; PRIOR APPLICATION NUMBER: 60/200,024
; PRIOR FILING DATE: 2000-04-26
; PRIOR APPLICATION NUMBER: 60/199,880
; PRIOR FILING DATE: 2000-04-26
; PRIOR APPLICATION NUMBER: 60/218,591
; PRIOR FILING DATE: 2000-07-17
; PRIOR APPLICATION NUMBER: 60/271,814
; PRIOR FILING DATE: 2001-02-27
; PRIOR APPLICATION NUMBER: 60/215,855
; PRIOR FILING DATE: 2000-07-03
; PRIOR APPLICATION NUMBER: 09/839,446
; PRIOR FILING DATE: 2001-04-19
; NUMBER OF SEQ ID NOS: 58
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 48
; LENGTH: 22
```

```
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-898-570-48

Query Match          5.0%; Score 14.4; DB 1; Length 22;
Best Local Similarity 93.8%; Pred. No. 4.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      744 GTAGGTCCTCCAGGGTC 759
Db      16 GTAGGTCCTCCAGGGTC 1

RESULT 552
US-10-199-957A-144/c
; Sequence 144, Application US/10199957A
; GENERAL INFORMATION:
; APPLICANT: PERLAN THERAPEUTICS
; APPLICANT: FANG, FANG
; APPLICANT: LUO, GUANG-XIANG
; APPLICANT: LORI, KOHLSTAEDT ALLISON
; APPLICANT: CHARLES, CATHERINE HELEN
; TITLE OF INVENTION: MULTIMERIC PROTEINS AND METHODS OF MAKING AND USING SAME
; FILE REFERENCE: 014357-0290013
; CURRENT APPLICATION NUMBER: US/10/199,957A
; CURRENT FILING DATE: 2003-02-03
; PRIOR APPLICATION NUMBER: 60/306,746
; PRIOR FILING DATE: 2001-07-19
; PRIOR APPLICATION NUMBER: 60/335,425
; PRIOR FILING DATE: 2001-11-30
; NUMBER OF SEQ ID NOS: 153
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 144
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Description of artificial sequence: Oligonucleotide ATF alpha-II
; OTHER INFORMATION: sequence
US-10-199-957A-144

Query Match          5.0%; Score 14.4; DB 1; Length 22;
Best Local Similarity 93.8%; Pred. No. 4.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      834 TTTTCTTCTCTGAAGA 849
Db      22 TTTTCTTCTCTAAGA 7

RESULT 553
PCT-US03-04123-150/c
; Sequence 150, Application PC/TUS0304123
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; APPLICANT: Usman, Nassim
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Protein Tyrosine
; TITLE OF INVENTION: Phosphatase-1B (PTP-1B) Gene Expression Using Short Interfering
; FILE REFERENCE: 02-738-A (400/082)
; CURRENT APPLICATION NUMBER: PCT/US03/04123
; CURRENT FILING DATE: 2003-04-24
; PRIOR APPLICATION NUMBER: US 10/206,705
; PRIOR FILING DATE: 2002-07-26
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
```

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; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 422
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 150
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
PCT-US03-04123-150

Query Match 4.9%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 3.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 803 CTCCTCTCCAACTCAGGT 821
Db 19 CTCCTCTCCAAATCACGGT 1

RESULT 554
PCT-US03-04123-335
; Sequence 335, Application PC/TUS0304123
; GENERAL INFORMATION:
; APPLICANT: McSwiggen Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; APPLICANT: Usman, Nassim
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Protein Tyrosine
; TITLE OF INVENTION: Phosphatase-1B (PTP-1B) Gene Expression Using Short Interfering
; TITLE OF INVENTION: Nucleic Acid (siNA)
; FILE REFERENCE: 02-738-A (400/082)
; CURRENT APPLICATION NUMBER: PCT/US03/04123
; CURRENT FILING DATE: 2003-04-24
; PRIOR APPLICATION NUMBER: US 10/206,705
; PRIOR FILING DATE: 2002-07-26
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 422
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 335
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
PCT-US03-04123-335

Query Match 4.9%; Score 14.2; DB 1; Length 19;
Best Local Similarity 57.9%; Pred. No. 3.8e+02;
Matches 11; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

Qy 803 CTCCTCTCCAACTCAGGT 821
```

```
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 422
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 150
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siNA sense r
PCT-US03-16651-376

Query Match 4.9%; Score 14.2; DB 1; Length 19;
Best Local Similarity 63.2%; Pred. No. 3.8e+02;
Matches 12; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

Qy 793 GTGCCAAGAGCTCTCTCC 811
Db 1 GUGCAGGAGCUCUUCUCC 19

RESULT 556
US-10-206-705-150/c
; Sequence 150, Application US/10206705
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceutical, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Protein Tyrosine Phosphat
; TITLE OF INVENTION: (PTP-1B) Gene Expression using Short Interfering RNA
; FILE REFERENCE: 900/035 (MBH02-738)
; CURRENT APPLICATION NUMBER: US/10/206,705
; CURRENT FILING DATE: 2002-07-26
; NUMBER OF SEQ ID NOS: 388
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 150
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siNA sense r
US-10-206-705-150

Query Match 4.9%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 3.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 803 CTCCTCTCCAACTCAGGT 821
Db 19 CTCCTCTCCAAATCACGGT 1

RESULT 557
US-10-206-705-335
; Sequence 335, Application US/10206705
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceutical, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Protein Tyrosine Phosphat
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; TITLE OF INVENTION: (PTP-1B) Gene Expression using Short Interfering RNA
; FILE REFERENCE: 900/035 (MEHB02-738)
; CURRENT APPLICATION NUMBER: US/10/206,705
; CURRENT FILING DATE: 2002-07-26
; NUMBER OF SEQ ID NOS: 388
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 335
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-206-705A-335

Query Match      4.9%; Score 14.2; DB 1; Length 19;
Best Local Similarity 57.9%; Pred. No. 3.8e+02;
Matches 11; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

QY      803 CTCTCTCCAACTCAGGGT 821
      ||| ||| ||| ||| ||| |||
Db      1 CUCUCUCCAAAUACACGGU 19

RESULT 558
US-10-206-705A-150/c
; Sequence 150, Application US/10206705A
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceutical, Inc.
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Protein Tyrosine Phosphatase
; FILE REFERENCE: 900/035 (MEHB02-738)
; CURRENT APPLICATION NUMBER: US/10/206,705A
; CURRENT FILING DATE: 2003-03-06
; NUMBER OF SEQ ID NOS: 388
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 150
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siNA sense strand
US-10-206-705A-150

Query Match      4.9%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 3.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      803 CTCTCTCCAACTCAGGGT 821
      ||| ||| ||| ||| ||| |||
Db      19 CTCTCTCCAAATCAGGT 1

RESULT 559
US-10-206-705A-335
; Sequence 335, Application US/10206705A
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceutical, Inc.
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Protein Tyrosine Phosphatase
; FILE REFERENCE: 900/035 (MEHB02-738)
; CURRENT APPLICATION NUMBER: US/10/206,705A
; CURRENT FILING DATE: 2003-03-06
; NUMBER OF SEQ ID NOS: 388
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 335
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-206-705A-335
```

```
Query Match      4.9%; Score 14.2; DB 1; Length 19;
Best Local Similarity 57.9%; Pred. No. 3.8e+02;
Matches 11; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

QY      803 CTCTCTCCAACTCAGGGT 821
      ||| ||| ||| ||| ||| |||
Db      1 CUCUCUCCAAAUACACGGU 19

RESULT 560
US-10-310-188-33247/c
; Sequence 33247, Application US/10310188
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENES
; FILE REFERENCE: 47487
; CURRENT APPLICATION NUMBER: US/10/310,188
; CURRENT FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 86841
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 33247
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-310-188-33247

Query Match      4.9%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 3.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      875 CTTTCTTGAGATGCACTTA 893
      ||| ||| ||| ||| ||| |||
Db      19 CTTTCTGAAATGCACTTA 1

RESULT 561
US-10-310-188-71858/c
; Sequence 71858, Application US/10310188
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENES
; FILE REFERENCE: 47487
; CURRENT APPLICATION NUMBER: US/10/310,188
; CURRENT FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 86841
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 71858
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-310-188-71858

Query Match      4.9%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 3.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      890 CTTTACTTTCAGCTTCTGC 908
      ||| ||| ||| ||| ||| |||
Db      19 CTTCCCACTCAGCTTCTGC 1

RESULT 562
US-10-444-925-376
; Sequence 376, Application US/10444925
; GENERAL INFORMATION:
; APPLICANT: Lewis, Stephen Patrick
; APPLICANT: Klingnoffer, Richard
; APPLICANT: Wilson, Linda K.
; TITLE OF INVENTION: MODULATION OF PTP1B SIGNAL TRANSDUCTION
; TITLE OF INVENTION: BY RNA INTERFERENCE
```

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; FILE REFERENCE: 200125.441
; CURRENT APPLICATION NUMBER: US/10/444,925
; CURRENT FILING DATE: 2003-05-23
; NUMBER OF SEQ ID NOS: 599
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 376
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Small interfering RNA
US-10-444-925-376

Query Match          4.9%;   Score 14.2; DB 1; Length 19;
Best Local Similarity 53.2%;   Pred. No. 3.8e+02;
Matches 12; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

QY      793  GTGCCAAGAGCTCTCCTCC 811
      ||| |||||: |||
Db       1  GUGCAAGGAGCUCUCC 19

RESULT 563
PCT-US00-04340-68
; Sequence 68, Application PC/TUS0004340
; GENERAL INFORMATION:
; APPLICANT: Valenzuela, Dario
; APPLICANT: Yuan, Olive
; APPLICANT: Hoffman, Heidi
; APPLICANT: Hall, Jeff
; APPLICANT: Rapiejko, Peter
; TITLE OF INVENTION: SECRETED PROTEINS AND POLYNUCLEOTIDES ENCODING THEM
; FILE REFERENCE: GI 6918X
; CURRENT APPLICATION NUMBER: PCT/US00/04340
; CURRENT FILING DATE: 2000-02-18
; NUMBER OF SEQ ID NOS: 101
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 68
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide
PCT-US00-04340-68

Query Match          4.9%;   Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%;   Pred. No. 4e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      803  CTCCTCTCCAACTCAGGGT 821
      ||| ||||| |||||
Db       2  CTCAGTCCATCTCAGGGT 20

RESULT 564
PCT-US03-20865-333/c
; Sequence 333, Application PC/TUS0320865
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corporation
; APPLICANT: Kane, Christopher D
; TITLE OF INVENTION: ANTISENSE MODULATION OF LRHI EXPRESSION
; FILE REFERENCE: 01190/1/PCT
; CURRENT APPLICATION NUMBER: PCT/US03/20865
; CURRENT FILING DATE: 2003-07-01
; PRIOR APPLICATION NUMBER: 60/392,813
; PRIOR FILING DATE: 2002-07-01
; NUMBER OF SEQ ID NOS: 3450
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 333
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:

```

Qy 939 AGAATTTTACGCAAGA 957
||| ||| ||| ||| ||| ||| ||| |||
Db 19 AGAACTTTAAGCAACAAGA 1

```

RESULT 567
US-09-201-228A-1998/c
; Sequence 1998, Application US/09201228A
; GENERAL INFORMATION:
; APPLICANT: Griffais, Remy
; APPLICANT: Hoiseth, Susan K.
; APPLICANT: Zagursky, Robert John
; APPLICANT: Metcalf, Benjamin J.
; APPLICANT: Peek, Joel A.
; APPLICANT: Sankaran, Banumathi
; APPLICANT: Fletcher, Leah Diane
; TITLE OF INVENTION: CHLAMYDIA TRACHOMATIS GENOMIC SEQUENCE
; TITLE OF INVENTION: AND POLYPEPTIDES, FRAGMENTS THEREOF AND USES THEREOF. IN
; TITLE OF INVENTION: PARTICULAR FOR THE DIAGNOSIS, PREVENTION AND TREATMENT OF
; TITLE OF INVENTION: INFECTION
; FILE REFERENCE: 9710-0004-999
; CURRENT APPLICATION NUMBER: US/09/201.228A
; CURRENT FILING DATE: 1998-11-30
; PRIOR APPLICATION NUMBER: US 60/107,077
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: FR 97-16034
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: FR 97-15041
; PRIOR FILING DATE: 1997-11-28
; NUMBER OF SEQ ID NOS: 5981
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 1998
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-09-201-228A-1998

```

RESULT 568
 US-09-446-024-22/c
 ; Sequence 22, Application US/09446024
 ; GENERAL INFORMATION:
 ; APPLICANT: BESEME, Frederic
 ; APPLICANT: BLOND, Jean-Luc
 ; APPLICANT: BOUTON, Olivier
 ; APPLICANT: MANDRAND, Bernard
 ; APPLICANT: VALLET, Francois
 ; APPLICANT: PERRON, Herve
 ; TITLE OF INVENTION: ENDOGENETIC RETROVIRAL SEQUENCES, ASSOCIATED WITH AUTOIMMUNE DISEASES
 ; TITLE OF INVENTION: WITH PREGNANCY DISORDERS
 ; FILE REFERENCE: 105045
 ; CURRENT APPLICATION NUMBER: US/09/446,024
 ; CURRENT FILING DATE: 2001-05-29
 ; PRIOR APPLICATION NUMBER: PCT/FR98/01442
 ; PRIOR FILING DATE: 1998-07-06
 ; PRIOR APPLICATION NUMBER: FR 97/08815
 ; PRIOR FILING DATE: 1997-07-07
 ; NUMBER OF SEQ ID NOS: 37
 ; SOFTWARE: Patent in version 3.0
 ; SEQ ID NO 22
 ; LENGTH: 20
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence

; FEATURE:
 ; OTHER INFORMATION: PCR primers or probe
 US-09-446-024-22

```

Query Match      4.9%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4e-02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      734 ATAGGACTTGGTAGGGTCC 752
Db       19 AAATGACTGGGTAGGGTCC 1

```

RESULT 569

US-09-446-024A-22/c

Sequence 22, Application US/09446024A

GENERAL INFORMATION:

APPLICANT: BESEME, Frederic

APPLICANT: BLOND, Jean-Luc

APPLICANT: BOUTON, Olivier

APPLICANT: MANDEMAND, Bernard

APPLICANT: VALLET, Francois

APPLICANT: PERRON, Hervé

TITLE OF INVENTION: ENDOGENETIC RETROVIRAL SEQUENCES, ASSOCIATED WITH AUTOIMMUNE DISEASES

TITLE OF INVENTION: WITH PREGNANCY DISORDERS

FILE REFERENCE: 105045

CURRENT APPLICATION NUMBER: US/09/446, 024A

CURRENT FILING DATE: 1999-12-16

PRIOR APPLICATION NUMBER: PCT/FR98/01442

PRIOR FILING DATE: 1998-07-06

PRIOR APPLICATION NUMBER: FR 97/08815

PRIOR FILING DATE: 1997-07-07

NUMBER OF SEQ ID NOS: 53

SOFTWARE: PatentIn version 3.1

SEQ ID NO 22

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: PCR primer or probe

US-09-446-024A-22

```

RESULT 570
US-09-507-209-68
; Sequence 68, Application US/09507209
; GENERAL INFORMATION:
; APPLICANT: Valenzuela, Dario
; APPLICANT: Yuan, Olive
; APPLICANT: Hoffman, Heidi
; APPLICANT: Hall, Jeff
; APPLICANT: Rapijko, Peter
; TITLE OF INVENTION: SECRETED PROTEINS AND POLYNUCLEOTIDES ENCODING THEM
; FILE REFERENCE: GI 6918X
; CURRENT APPLICATION NUMBER: US/09/507,209
; CURRENT FILING DATE: 2000-02-18
; NUMBER OF SEQ ID NOS: 101
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO' 68
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide
US-09-507-209-68

```



```
Query Match      4.9%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 803 CTCCTCTCAACTCAGGCT 821
   ||| ||||| ||||| |||||
DB 2 CTCAGCTCCATCTCAGGCT 20

RESULT 571
US-09-514-000-14911
; Sequence 14911, Application US/09514000
; GENERAL INFORMATION:
; APPLICANT: Hinkle, Gregory J.
; APPLICANT: Slater, Steven C.
; TITLE OF INVENTION: Agrobacterium tumefaciens Genome Sequences and Uses Thereof
; FILE REFERENCE: 38-10(15490)B
; CURRENT APPLICATION NUMBER: US/09/514,000
; PRIOR FILING DATE: 2000-02-23
; NUMBER OF SEQ ID NOS: 15034
; SEQ ID NO 14911
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Agrobacterium tumefaciens
US-09-514-000-14911

Query Match      4.9%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 905 CTGCATCAGATTATCANC 923
   ||| ||||| ||||| |||||
DB 2 CGCGCATCAGAAAATCATC 20

RESULT 572
US-09-611-526-4281/c
; Sequence 4281, Application US/09611526
; GENERAL INFORMATION:
; APPLICANT: OTA, TOSHIO
; APPLICANT: NISHIKAWA, TETSUO
; APPLICANT: ISOGAI, TAKAO
; APPLICANT: HAYASHI, KOJI
; APPLICANT: ISHII, SHIZUKO
; APPLICANT: KAWAI, YURI
; APPLICANT: WAKAMATSU, AI
; APPLICANT: SUGIYAMA, TOMOYASU
; APPLICANT: NAGAI, KEIICHI
; APPLICANT: KOJIMA, SHINICHI
; APPLICANT: OTSUKI, TETSUJI
; APPLICANT: KOGA, HISASHI
; TITLE OF INVENTION: PRIMERS FOR SYNTHESIS OF FULL LENGTH CDNAS
; FILE REFERENCE: 08335/0122
; CURRENT APPLICATION NUMBER: US/09/611,526
; CURRENT FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: JP 1999-194486
; PRIOR FILING DATE: 1999-07-08
; PRIOR FILING DATE: 2000-01-11
; PRIOR APPLICATION NUMBER: JP 2000-118774
; PRIOR FILING DATE: 2000-05-02
; PRIOR FILING DATE: 2000-05-02
; NUMBER OF SEQ ID NOS: 4484
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 4281
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-611-526-4281
```

```
Query Match      4.9%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 825 CTGTGCTCTTTTCTTC 843
   ||| ||||| ||||| |||||
DB 19 CTTTGCTCATTTCTTCCC 1

RESULT 573
US-09-703-708-12664/c
; Sequence 12664, Application US/09703708
; GENERAL INFORMATION:
; APPLICANT: Bower, Stanley G.
; APPLICANT: Hinkle, Gregory J.
; TITLE OF INVENTION: Xanthomonas campestris Genome Sequences and Uses Thereof
; FILE REFERENCE: 38-10(15804)C
; CURRENT APPLICATION NUMBER: US/09/703,708
; CURRENT FILING DATE: 2000-11-02
; PRIOR APPLICATION NUMBER: US 60/164,320
; PRIOR FILING DATE: 1999-11-10
; PRIOR APPLICATION NUMBER: US 60/183,791
; PRIOR FILING DATE: 2000-02-22
; NUMBER OF SEQ ID NOS: 18992
; SEQ ID NO 12664
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Xanthomonas campestris
US-09-703-708-12664

Query Match      4.9%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 918 ATCATCACCACCCCTCC 936
   ||| ||||| ||||| |||||
DB 19 ATCATCAACCATCCTGC 1

RESULT 574
US-09-824-322B-346/c
; Sequence 346, Application US/09824322B
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda
; APPLICANT: Bennett, C. Frank
; APPLICANT: Butler, Madeline M.
; APPLICANT: Shanahan, William R.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TUMOR NECROSIS FACTOR-ALPHA
; FILE REFERENCE: ISPH-0501
; CURRENT APPLICATION NUMBER: US/09/824,322B
; CURRENT FILING DATE: 2001-04-02
; PRIOR APPLICATION NUMBER: US 09/313,932
; PRIOR FILING DATE: 1999-05-18
; PRIOR APPLICATION NUMBER: US 09/166,186
; PRIOR FILING DATE: 1998-10-05
; NUMBER OF SEQ ID NOS: 503
; SEQ ID NO 346
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-824-322B-346

Query Match      4.9%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 939 AGAATTTTACGCAAGAAGA 957
   ||| ||||| ||||| |||||
DB 19 AGAATTTTAAAGCAACAAGA 1
```

```
RESULT 575
US-10-176-277-15/c
; Sequence 15, Application US/10176277
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Kenneth W. Doble
; TITLE OF INVENTION: ANTISENSE MODULATION OF CENTROMERE PROTEIN B EXPRESSION
; FILE REFERENCE: HTS-0022
; CURRENT APPLICATION NUMBER: US/10/176,277
; CURRENT FILING DATE: 2002-06-18
; NUMBER OF SEQ ID NOS: 77
; SEQ ID NO 15
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-176-277-15
Query Match      4.9%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      861 CTCACGTTGGAACACTTTC 879
Db      20 CTCACGTTGGAACAGATC 2

RESULT 576
US-10-176-277-52
; Sequence 52, Application US/10176277
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Kenneth W. Doble
; TITLE OF INVENTION: ANTISENSE MODULATION OF CENTROMERE PROTEIN B EXPRESSION
; FILE REFERENCE: HTS-0022
; CURRENT APPLICATION NUMBER: US/10/176,277
; CURRENT FILING DATE: 2002-06-18
; NUMBER OF SEQ ID NOS: 77
; SEQ ID NO 52
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
; OTHER INFORMATION:
US-10-176-277-52
Query Match      4.9%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      861 CTCACGTTGGAACACTTTC 879
Db      20 CTCACGTTGGAACAGATC 2

RESULT 577
US-10-206-406A-1/c
; Sequence 1, Application US/10206406A
; GENERAL INFORMATION:
; APPLICANT: Pont-Kingdon, Genevieve
; APPLICANT: Lyon, Elaine
; TITLE OF INVENTION: Methods for Identifying Chromosomal Aneuploidy
; FILE REFERENCE: 20099.NP
; CURRENT APPLICATION NUMBER: US/10/206,406A
; CURRENT FILING DATE: 2002-07-26
; PRIOR APPLICATION NUMBER: US 06/307,969
; PRIOR FILING DATE: 2001-07-26
; NUMBER OF SEQ ID NOS: 24
; SOFTWARE: Microsoft word 2000
; SEQ ID NO 1
; LENGTH: 20
; TYPE: DNA
```

```
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: primer bind
; OTHER INFORMATION: Forward primer sequence used in PCR
US-10-206-406A-1
Query Match      4.9%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      804 TCTCTCCCAACTCAGGGTT 822
Db      19 TCTCTCCCACTGGGT 1

RESULT 578
US-10-266-090-48991
; Sequence 48991, Application US/10266090
; GENERAL INFORMATION:
; APPLICANT: GOFF, STEPHEN
; APPLICANT: BONAN, CAROLINE
; APPLICANT: COLBERT, MICHELLE
; APPLICANT: WANG, RONG-LIN
; TITLE OF INVENTION: CEREAL TRINUCLEOTIDE SIMPLE SEQUENCE
; TITLE OF INVENTION: REPEAT MARKERS AND THEIR USES
; FILE REFERENCE: NADII.058C1
; CURRENT APPLICATION NUMBER: US/10/266,090
; CURRENT FILING DATE: 2002-10-03
; PRIOR APPLICATION NUMBER: US 10/260,703
; PRIOR FILING DATE: 2002-09-26
; PRIOR APPLICATION NUMBER: US 60/326,117
; PRIOR FILING DATE: 2001-09-26
; NUMBER OF SEQ ID NOS: 51812
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 48991
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR PRIMER FOR SEQUENCE FROM ORYZA SATIVA
US-10-266-090-48991
Query Match      4.9%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      923 CACCACCACCTCCAGAGA 941
Db      1 CACCACCACACACAGAGA 19

RESULT 579
US-10-266-090-49666/c
; Sequence 49666, Application US/10266090
; GENERAL INFORMATION:
; APPLICANT: GOFF, STEPHEN
; APPLICANT: BONAN, CAROLINE
; APPLICANT: COLBERT, MICHELLE
; APPLICANT: WANG, RONG-LIN
; TITLE OF INVENTION: CEREAL TRINUCLEOTIDE SIMPLE SEQUENCE
; TITLE OF INVENTION: REPEAT MARKERS AND THEIR USES
; FILE REFERENCE: NADII.058C1
; CURRENT APPLICATION NUMBER: US/10/266,090
; CURRENT FILING DATE: 2002-10-03
; PRIOR APPLICATION NUMBER: US 10/260,703
; PRIOR FILING DATE: 2002-09-26
; PRIOR APPLICATION NUMBER: US 60/326,117
; PRIOR FILING DATE: 2001-09-26
; NUMBER OF SEQ ID NOS: 51812
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 49666
; LENGTH: 20
; TYPE: DNA
```

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; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR PRIMER FOR SEQUENCE FROM ORYZA SATIVA
US-10-266-090-49666

Query Match          4.9%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 890 CTTACTTCTCAGCTTCGC 908
DB 20 CTTTCTTGTGACGCTTCGC 2

RESULT 580
US-10-283-762-4115
; Sequence 4115, Application US/10289762
; GENERAL INFORMATION:
; APPLICANT: Griffais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/10/289,762
; NUMBER OF SEQ ID NOS: 27
; SEQ ID NO 4115
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-10-283-762-4115

Query Match          4.9%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 928 CCACCTTCGAGAGATTTT 946
DB 2 CCATCTCCGGAGTATTTT 20

RESULT 581
US-10-293-338-6121/c
; Sequence 6121, Application US/10293338
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics LTD
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL REGULATORY GENES AND
; TITLE OF INVENTION: THEREOF
; FILE REFERENCE: 45282
; CURRENT APPLICATION NUMBER: US/10/293,338
; CURRENT FILING DATE: 2002-11-14
; NUMBER OF SEQ ID NOS: 8785
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 6121
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-293-338-6121

Query Match          4.9%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 974 AAATCTGGTGATGGGTAT 992
DB 19 AAAACTGGTGATGGGTGT 1

RESULT 582
US-10-298-123-35
; Sequence 35, Application US/10298123
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
```

```
; TITLE OF INVENTION: MODULATION OF PROTEIN KINASE D2 EXPRESSION
; FILE REFERENCE: HTS-0050
; CURRENT APPLICATION NUMBER: US/10/298,123
; CURRENT FILING DATE: 2002-11-16
; NUMBER OF SEQ ID NOS: 76
; SEQ ID NO 35
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-298-123-35

Query Match          4.9%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 779 GGCAGACCCCTCTGTGCC 797
DB 2 GAGCAGCACCTCGGTGCC 20

RESULT 583
US-10-298-123-66/c
; Sequence 66, Application US/10298123
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF PROTEIN KINASE D2 EXPRESSION
; FILE REFERENCE: HTS-0050
; CURRENT APPLICATION NUMBER: US/10/298,123
; CURRENT FILING DATE: 2002-11-16
; NUMBER OF SEQ ID NOS: 76
; SEQ ID NO 66
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-298-123-66

Query Match          4.9%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 779 GGCAGACCCCTCTGTGCC 797
DB 19 GAGCAGCACCTCGGTGCC 1

RESULT 584
US-10-303-778-6651/c
; Sequence 6651, Application US/10303778
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL VIRAL
; TITLE OF INVENTION: REGULATORY GENES AND USES THEREOF
; FILE REFERENCE: 47416
; CURRENT APPLICATION NUMBER: US/10/303,778
; CURRENT FILING DATE: 2002-11-26
; NUMBER OF SEQ ID NOS: 17608
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 6651
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-303-778-6651

Query Match          4.9%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 826 TGTCTCTCTTCTCTCTCT 844
DB 20 TGTCTCTCTTCTCTCTTT 2
```

```

RESULT 585
US-10-310-188-69236/c
; Sequence 69236, Application US/10310188
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENE
; TITLE OF INVENTION: USES THEREOF
; FILE REFERENCE: 47487
; CURRENT APPLICATION NUMBER: US/10/310,188
; CURRENT FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 86841
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 69236
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-310-188-69236

Query Match          4.9%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4e+02; 3; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 0;

QY 921 ATCACCAACCCCTCCAGA 939
    |||||
Db 20 ACCACCACCTCCCTCGGA 2

RESULT 586
US-10-317-270-59/c
; Sequence 59, Application US/10317270
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; APPLICANT: Tamara Balac Sides
; TITLE OF INVENTION: MODULATION OF ZINEDIN EXPRESSION
; FILE REFERENCE: RTS-0479
; CURRENT APPLICATION NUMBER: US/10/317,270
; CURRENT FILING DATE: 2002-12-10
; NUMBER OF SEQ ID NOS: 160
; SEQ ID NO 59
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-317-270-59

Query Match          4.9%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4e+02; 3; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 0;

QY 814 CTCAGGGTTGGCTGTCT 832
    |||||
Db 19 CCACAGTTGGCTGTGGCT 1

RESULT 587
US-10-317-270-132
; Sequence 132, Application US/10317270
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; APPLICANT: Tamara Balac Sides
; TITLE OF INVENTION: MODULATION OF ZINEDIN EXPRESSION
; FILE REFERENCE: RTS-0479
; CURRENT APPLICATION NUMBER: US/10/317,270
; CURRENT FILING DATE: 2002-12-10
; NUMBER OF SEQ ID NOS: 160
; SEQ ID NO 132
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:

US-10-317-270-132

Query Match          4.9%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4e+02; 3; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 0;

QY 814 CTCAGGGTTGGCTGTCT 832
    |||||
Db 2 CCACAGTTGGCTGTGGCT 20

RESULT 588
US-10-647-918-346/c
; Sequence 346, Application US/10647918
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda
; APPLICANT: Bennett, C. Frank
; APPLICANT: Butler, Madeline M.
; APPLICANT: Shanahan, William R.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TUMOR NECROSIS FACTOR-ALPHA
; TITLE OF INVENTION: ALPHA) EXPRESSION
; FILE REFERENCE: ISPH-0501
; CURRENT APPLICATION NUMBER: US/10/647,918
; CURRENT FILING DATE: 2003-08-26
; PRIOR APPLICATION NUMBER: US/09/824,322B
; PRIOR FILING DATE: 2001-04-02
; PRIOR APPLICATION NUMBER: US 09/313,932
; PRIOR FILING DATE: 1999-05-18
; PRIOR APPLICATION NUMBER: US 09/166,186
; PRIOR FILING DATE: 1998-10-05
; NUMBER OF SEQ ID NOS: 503
; SEQ ID NO 346
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-647-918-346

Query Match          4.9%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4e+02; 3; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 0;

QY 939 AGAATTTTACCAAGA 957
    |||||
Db 19 AGAATTTTAAAGCAAGA 1

RESULT 589
US-10-652-795-346/c
; Sequence 346, Application US/10652795
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda
; APPLICANT: Bennett, C. Frank
; APPLICANT: Butler, Madeline M.
; APPLICANT: Shanahan, William R.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TUMOR NECROSIS FACTOR-ALPHA
; TITLE OF INVENTION: ALPHA) EXPRESSION
; FILE REFERENCE: ISPH-0501
; CURRENT APPLICATION NUMBER: US/10/652,795
; CURRENT FILING DATE: 2003-08-29
; PRIOR APPLICATION NUMBER: US/09/824,322B
; PRIOR FILING DATE: 2001-04-02
; PRIOR APPLICATION NUMBER: US 09/313,932
; PRIOR FILING DATE: 1999-05-18
; PRIOR APPLICATION NUMBER: US 09/166,186
; PRIOR FILING DATE: 1998-10-05
; NUMBER OF SEQ ID NOS: 503
; SEQ ID NO 346
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
```

```
; OTHER INFORMATION: Synthetic
US-10-652-795-346

Query Match          4.9%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 939 AGAATTTTACGCAAGA 957
||||| ||||| ||||| |||||
Db 19 AGAACTTAAACACACA 1

RESULT 590
US-60-164-320-12664/c
; Sequence 12664, Application US/60164320
; GENERAL INFORMATION:
; APPLICANT: Bower, Stanley G.
; TITLE OF INVENTION: Xanthomonas campestris Genome Sequences and Uses Thereof
; FILE REFERENCE: 38-10(15804)A
; CURRENT APPLICATION NUMBER: US/60/164,320
; CURRENT FILING DATE: 1999-11-10
; NUMBER OF SEQ ID NOS: 18992
; SEQ ID NO 12664
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Xanthomonas campestris
US-60-164-320-12664

Query Match          4.9%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 918 ATCATCACCAACCCCTCC 936
||||| ||||| ||||| |||||
Db 19 ATCATCAACACCATCTGC 1

RESULT 591
US-60-183-791-12664/c
; Sequence 12664, Application US/60183791
; GENERAL INFORMATION:
; APPLICANT: Bower, Stanley G.
; TITLE OF INVENTION: Xanthomonas campestris Genome Sequences and Uses Thereof
; FILE REFERENCE: 38-10(15804)B
; CURRENT APPLICATION NUMBER: US/60/183,791
; CURRENT FILING DATE: 2000-02-22
; NUMBER OF SEQ ID NOS: 18992
; SEQ ID NO 12664
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Xanthomonas campestris
US-60-183-791-12664

Query Match          4.9%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 918 ATCATCACCAACCCCTCC 936
||||| ||||| ||||| |||||
Db 19 ATCATCAACACCATCTGC 1

RESULT 592
US-08-905-825-2/c
; Sequence 2, Application US/08905825
; GENERAL INFORMATION:
; APPLICANT: Watkins, Jeffrey D.
; APPLICANT: Huse, William D.
; APPLICANT: Wu, Herren
; TITLE OF INVENTION: METHODS FOR IDENTIFYING LIGAND SPECIFIC BINDING MOLECULES
```

```
; NUMBER OF SEQUENCES: 100
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Campbell & Flores, LLP
; STREET: 4370 La Jolla Village Drive, Suite 700
; CITY: San Diego
; STATE: California
; COUNTRY: United States
; ZIP: 92122
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/905,825
; FILING DATE: 04-AUG-1997
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Campbell, Cathryn A.
; REGISTRATION NUMBER: 31,815
; REFERENCE/DOCKET NUMBER: P-IX 1570
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619)535-9001
; TELEFAX: (619)535-8949
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-905-825-2

Query Match          4.9%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 4.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 712 TCCAGGAGAGTGACTCTG 730
||||| ||||| ||||| |||||
Db 21 TCCAGGAGAGTGTCACAG 3

RESULT 593
US-09-129-026-2/c
; Sequence 2, Application US/09129026
; GENERAL INFORMATION:
; APPLICANT: Watkins, Jeffrey D.
; APPLICANT: Huse, William D.
; APPLICANT: Wu, Herren
; TITLE OF INVENTION: Methods For Identifying Ligand Specific Binding
; FILE REFERENCE: IX 3211
; CURRENT APPLICATION NUMBER: US/09/129,026
; CURRENT FILING DATE: 1998-08-04
; EARLIER APPLICATION NUMBER: 08/905,825
; EARLIER FILING DATE: 1997-08-04
; NUMBER OF SEQ ID NOS: 136
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-129-026-2

Query Match          4.9%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 4.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 712 TCCAGGAGAGTGACTCTG 730
||||| ||||| ||||| |||||
Db 21 TCCAGGAGAGTGTCACAG 3

RESULT 594
```

US-09-657-472-1791
; Sequence 1791, Application US/09657472
; GENERAL INFORMATION:
; APPLICANT: Lander, Eric S.
; APPLICANT: Cargill, Michele
; APPLICANT: Ireland, James S.
; APPLICANT: Bolk, Stacey
; APPLICANT: Daley, George Q.
; APPLICANT: McCarthy, Jeanette J.
; TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHISMS IN GENES
; FILE REFERENCE: 2825.1027-001
; CURRENT APPLICATION NUMBER: US/09/657,472
; CURRENT FILING DATE: 2000-09-07
; PRIOR APPLICATION NUMBER: US 60/153,357
; PRIOR FILING DATE: 1999-09-10
; PRIOR APPLICATION NUMBER: US 60/220,947
; PRIOR FILING DATE: 2000-07-26
; PRIOR APPLICATION NUMBER: US 60/225,724
; PRIOR FILING DATE: 2000-08-16
; NUMBER OF SEQ ID NOS: 2551
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1791
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-657-472-1791

Query Match 4.9%; Score 14.2; DB 1; Length 21;
Best Local Similarity 76.2%; Pred. No. 4.2e+02;
Matches 16; Conservative 1; Mismatches 4; Indels 0; Gaps 0;

QY 778 AGGGCAGGCCCTCTGGTGCCA 798
DB 1 ATGGCAGCCTYACAGGTGCCA 21

RESULT 595
US-09-959-120-32/c
; Sequence 32, Application US/09959120
; GENERAL INFORMATION:
; APPLICANT: Yiming SHAO
; APPLICANT: Rongkian SHEN
; APPLICANT: Gang CHEN
; APPLICANT: Kangzhen YU
; APPLICANT: Pinliang PAN
; APPLICANT: Bin JIA
; APPLICANT: Yi FENG
; APPLICANT: Fei XUE
; APPLICANT: Wenhua XIANG
; APPLICANT: Xiujuan FAN
; APPLICANT: Xiaoliang XU
; APPLICANT: Liping ZHAO
; TITLE OF INVENTION: Full-length genome sequence of donkey leukocyte attenuated EIAV
; FILE REFERENCE: 3107-2 / P2000121C-US
; CURRENT APPLICATION NUMBER: US/09/959,120
; CURRENT FILING DATE: 2002-07-25
; PRIOR APPLICATION NUMBER: PCT/CN00/00096
; PRIOR FILING DATE: 2000-04-21
; PRIOR APPLICATION NUMBER: CN 99105852.6
; PRIOR FILING DATE: 1999-04-21
; NUMBER OF SEQ ID NOS: 39
; SOFTWARE: MS Word
; SEQ ID NO 32
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
US-09-959-120-32

Query Match 4.9%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 4.2e+02;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 897 CTCAGCTTCTGGATCAGA 915
DB 20 CTCAGATTCTGGGTCTGA 2
RESULT 596
US-09-977-797A-2/c
; Sequence 2, Application US/09977797A
; GENERAL INFORMATION:
; APPLICANT: Watkins, Jeffrey D.
; APPLICANT: Huse, William D.
; APPLICANT: Wu, Herren
; TITLE OF INVENTION: Methods for Identifying Ligand Specific Binding Molecules
; FILE REFERENCE: AWE-06805
; CURRENT APPLICATION NUMBER: US/09/977,797A
; CURRENT FILING DATE: 2002-06-25
; PRIOR APPLICATION NUMBER: 09/129,026
; PRIOR FILING DATE: 1998-08-04
; PRIOR APPLICATION NUMBER: 08/905,825
; PRIOR FILING DATE: 1997-08-04
; NUMBER OF SEQ ID NOS: 136
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 2
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-977-797A-2

Query Match 4.9%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 4.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 712 TCCAGGAGAGTGACTCTG 730
DB 21 TCCAGGAGAGTGTCACAG 3

RESULT 597
US-10-303-778-16609
; Sequence 16609, Application US/10303778
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL
; FILE REFERENCE: 47416
; CURRENT APPLICATION NUMBER: US/10/303,778
; CURRENT FILING DATE: 2002-11-26
; NUMBER OF SEQ ID NOS: 17608
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 16609
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-303-778-16609

Query Match 4.9%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 4.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 747 GGGTCCCGAGGTCCTAGG 765
DB 3 GGGTCACAGGGCCCTGGG 21

RESULT 598
US-10-612-121-2/c
; Sequence 2, Application US/10612121
; GENERAL INFORMATION:
; APPLICANT: BREWER, Jamie L.
; APPLICANT: ERICSON, Solveig G.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE DETECTION OF HUMAN T CELL RECEPTOR

```
; TITLE OF INVENTION: VARIABLE FAMILY GENE EXPRESSION
; FILE REFERENCE: 260385.20005
; CURRENT APPLICATION NUMBER: US/10/612.121
; CURRENT FILING DATE: 2003-07-02
; PRIOR APPLICATION NUMBER: 60/393,995
; PRIOR FILING DATE: 2002-07-03
; NUMBER OF SEQ ID NOS: 59
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 2
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-612-121-2

Query Match      4.9%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 4.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      858 TGGCTCCAGTTGGAACT 876
Db      21 TGGCTCCCTCGGAACACT 3

; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; TITLE OF INVENTION: CANCERS
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: US/10/751,736
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 2537
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi
US-10-751-736-2537

Query Match      4.9%; Score 14.2; DB 1; Length 21;
Best Local Similarity 57.9%; Pred. No. 4.2e+02;
Matches 11; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

QY      860 GCTCCAGTTGGAACACTTT 878
Db      2 GCACACUUGGAACAGUUU 20

; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; TITLE OF INVENTION: CANCERS
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: US/10/751,736
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 13672
US-10-751-736-13672/c

Query Match      4.9%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 4.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      732 TCATAGGACTTGGTAGGTT 750
Db      19 TCTAGGACTTGGTAAAGTT 1

; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; TITLE OF INVENTION: CANCERS
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: US/10/751,736
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 14231
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi
US-10-751-736-14231/c

Query Match      4.9%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 4.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      736 AGGACTTGGTAGGTCCTCCA 754
Db      20 AGGACTTGGTAGGTCCAA 2

; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; TITLE OF INVENTION: CANCERS
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: US/10/751,736
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 13672
US-10-751-736-13672/c

Query Match      4.9%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 4.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      736 AGGACTTGGTAGGTCCTCCA 754
Db      20 AGGACTTGGTAGGTCCAA 2

; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; TITLE OF INVENTION: CANCERS
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: US/10/751,736
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 13672
US-10-751-736-13672/c

Query Match      4.9%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 4.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      736 AGGACTTGGTAGGTCCTCCA 754
Db      20 AGGACTTGGTAGGTCCAA 2

; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; TITLE OF INVENTION: CANCERS
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: US/10/751,736
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 13672
US-10-751-736-13672/c

Query Match      4.9%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 4.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      736 AGGACTTGGTAGGTCCTCCA 754
Db      20 AGGACTTGGTAGGTCCAA 2
```

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QY      832 TCTTTTCTCTCTGAAGAC 850
      :|:|:|:|:|:|:|:|:|:|
Db      2 UCUUGACUUCUGGAGAC 20

RESULT 603
US-10-751-736-45442
; Sequence 45442, Application US/10751736
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 45442
; LENGTH: 21
; TYPE: DNA
; ORGANISM: homo sapiens
US-10-751-736-45442

Query Match      4.9%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 4.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      927 ACCAGCCCTCCAGAGATTT 945
      |||||
Db      3 ACCAGCCACAGAGATTT 21

RESULT 604
US-10-751-736-45764
; Sequence 45764, Application US/10751736
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 45764
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi
US-10-751-736-45764

Query Match      4.9%; Score 14.2; DB 1; Length 21;
Best Local Similarity 68.4%; Pred. No. 4.2e+02;
Matches 13; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY      927 ACCACCTCCAGAGATTT 945
      |||||
Db      3 ACCAGCCACAGAGAUUU 21

RESULT 605
US-10-751-736-47286/c
; Sequence 47286, Application US/10751736
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 47286
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi
US-10-751-736-47286

Query Match      4.9%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 4.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      920 CATCACACACCCCTCCAG 938
      |||||
Db      1 CATCACACACATCCAG 19

RESULT 607...
PCT-US00-33547-299
; Sequence 299, Application PC/TUS0033547
; GENERAL INFORMATION:
; APPLICANT: COGENE NEUROSCIENCE, Inc.
; APPLICANT: Lo, Donald C.
; APPLICANT: Barney, Shawn
; APPLICANT: Thomas, Mary Beth
; APPLICANT: Portbury, Stuart D.
; APPLICANT: Puranam, Kasturi
; APPLICANT: Katz, Lawrence C.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING
; TITLE OF INVENTION: AND TREATING CONDITIONS, DISORDERS, OR DISEASES INVOLVING

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; TITLE OF INVENTION: CELL DEATH
; FILE REFERENCE: 10001-008-228
; CURRENT APPLICATION NUMBER: PCT/US00/33547
; CURRENT FILING DATE: 2000-12-11
; PRIOR APPLICATION NUMBER: US 09/461,697
; PRIOR FILING DATE: 1999-12-14
; NUMBER OF SEQ ID NOS: 466
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 299
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
PCT-US00-33547-299

Query Match 4.8%; Score 14; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 3.8e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 979 TGGTGTATGGGTAT 992
|||||
Db 2 TGGTGTATGGGTAT 15

RESULT 608
US-09-922-261-299
; Sequence 299, Application US/09922261
; GENERAL INFORMATION:
; APPLICANT: COGENT NEUROSCIENCE, Inc.
; APPLICANT: Lo, Donald C.
; APPLICANT: Barney, Shawn
; APPLICANT: Thomas, Mary Beth
; APPLICANT: Portbury, Stuart D.
; APPLICANT: Putnam, Kasturi
; APPLICANT: Katz, Lawrence C.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING
; TITLE OF INVENTION: AND TREATING CONDITIONS, DISORDERS, OR DISEASES INVOLVING
; TITLE OF INVENTION: CELL DEATH
; FILE REFERENCE: 10001-005-999
; CURRENT APPLICATION NUMBER: US/09/922,261
; CURRENT FILING DATE: 2001-08-03
; PRIOR APPLICATION NUMBER: US/09/461,697
; PRIOR FILING DATE: 1999-12-14
; NUMBER OF SEQ ID NOS: 466
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 299
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-922-261-299

Query Match 4.8%; Score 14; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 3.8e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 979 TGGTGTATGGGTAT 992
|||||
Db 2 TGGTGTATGGGTAT 15

RESULT 609
US-09-000-004A-5/c
; Sequence 5, Application US/09000004A
; GENERAL INFORMATION:
; APPLICANT: Tsilibary, Photini-Effie
; APPLICANT: Charonis, Aristidis S.
; APPLICANT: Setty, Suman
; APPLICANT: Mauer, Michael
; TITLE OF INVENTION: ANALYSIS OF ALPHA INTEGRINS FOR THE DIAGNOSIS OF DIABETIC NEPHRO
; FILE REFERENCE: 600.314USWO
; CURRENT APPLICATION NUMBER: US/09/000,004A
; CURRENT FILING DATE: 2001-06-19
; PRIOR APPLICATION NUMBER: US 60/001,387
; PRIOR FILING DATE: 1995-07-21

; PRIOR APPLICATION NUMBER: US 60/001,861
; PRIOR FILING DATE: 1995-08-03
; PRIOR APPLICATION NUMBER: US 60/016,700
; PRIOR FILING DATE: 1996-05-02
; PRIOR APPLICATION NUMBER: PCT/US96/12067
; PRIOR FILING DATE: 1996-07-19
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic probe
US-09-000-004A-5

Query Match 4.8%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.3e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 718 GAGAGTCACTCTCG 731
|||||
Db 14 GAGAGTCACTCTCG 1

RESULT 610
US-09-182-472-6/c
; Sequence 6, Application US/09182472
; GENERAL INFORMATION:
; APPLICANT: Osbourn, Jane K
; TITLE OF INVENTION: Cysteine mouse antibody libraries, means for their
; FILE REFERENCE: 620-51
; CURRENT APPLICATION NUMBER: US/09/182,472
; CURRENT FILING DATE: 1998-10-30
; EARLIER APPLICATION NUMBER: GB 9723062.7
; EARLIER FILING DATE: 1997-10-31
; NUMBER OF SEQ ID NOS: 83
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 6
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-182-472-6

Query Match 4.8%; Score 14; DB 1; Length 21;
Best Local Similarity 77.8%; Pred. No. 4.5e+02;
Matches 14; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

Qy 752 CCAGGGTCCCTAGGCCCTC 769
|||||
Db 19 CCAGGGTCCCTAGGCCCTC 2

RESULT 611
US-09-657-472-167
; Sequence 167, Application US/09657472
; GENERAL INFORMATION:
; APPLICANT: Lander, Eric S.
; APPLICANT: Cargill, Michele
; APPLICANT: Ireland, James S.
; APPLICANT: Bolik, Stacey
; APPLICANT: Daley, George Q.
; APPLICANT: McCarthy, Jeanette J.
; TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHISMS IN GENES
; FILE REFERENCE: 2825.1027-001
; CURRENT APPLICATION NUMBER: US/09/657,472
; CURRENT FILING DATE: 2000-09-07
; PRIOR APPLICATION NUMBER: US 60/153,357
; PRIOR FILING DATE: 1999-09-10
; PRIOR APPLICATION NUMBER: US 60/220,947

```

; PRIOR FILING DATE: 2000-07-26
; PRIOR APPLICATION NUMBER: US 60/225,724
; FILING DATE: 2000-08-16
; NUMBER OF SEQ ID NOS: 2551
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 167
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-657-472-167

Query Match          4.8%; Score 14; DB 1; Length 21;
Best Local Similarity 87.5%; Pred. No. 4.5e+02;
Matches 14; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY      920 CATCACCACCCCTC 935
Db      6 CATCAYCACCACTC 21

RESULT 612
US-08-435-632-1573
; Sequence 1573, Application US/08435632
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: Storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/435,632
; FILING DATE: 05-MAY-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/373,124
; FILING DATE: January 13, 1995
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1573:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-777-920-1573

Query Match          4.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 3.8e+02;
Matches 11; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY      799 AGAGCTCTCTCTCACT 815
Db      1 AAAGCUCUCUGGACU 17

RESULT 613
US-08-777-920-1573
; Sequence 1573, Application US/08777920
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: Storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/777,920
; FILING DATE: 23-DEC-1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/373,124
; FILING DATE: January 13, 1995
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1573:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-777-920-1573

Query Match          4.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 3.8e+02;
Matches 11; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

```

Best Local Similarity 76.5%; Pred. No. 3.8e+02;
Matches 13; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 920 CATCACCACCCCTCC 936
DB 1 CAUCAUCCACCCUCC 17

RESULT 616
US-09-780-533A-772
; Sequence 772, Application US/09780533A
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Chowrira, Bharat
; APPLICANT: Haerberli, Pete
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO Gene
; FILE REFERENCE: MBH00,878-A (400/011)
; CURRENT APPLICATION NUMBER: US/09/780,533A
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: US 60/181,797
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 6679
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 772
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-533A-772

Query Match 4.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 3.8e+02;
Matches 13; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 921 ATCACCACCCCTCCA 937
DB 1 AUCAUCCACCCUCCA 17

RESULT 617
US-09-780-533A-773
; Sequence 773, Application US/09780533A
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Chowrira, Bharat
; APPLICANT: Haerberli, Pete
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO Gene
; FILE REFERENCE: MBH00,878-A (400/011)
; CURRENT APPLICATION NUMBER: US/09/780,533A
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: US 60/181,797
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 6679
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 773
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-533A-773

Query Match 4.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 3.8e+02;
Matches 13; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 922 TCACCACCCCTCCAG 938
DB 1 UCAUCCACCCUCCAG 17

RESULT 618

QY 799 AGAGCTCTCCCTCACT 815
DB 1 AAAGCUCUCCUGCAU 17

RESULT 614
US-09-532-537B-51
; Sequence 51, Application US/09532537B
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Mediated Inhibition of Protein Kinase C-
; TITLE OF INVENTION: Gene Expression
; FILE REFERENCE: MBH00-945-A (249/004)
; CURRENT APPLICATION NUMBER: US/09/532,537B
; CURRENT FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: US 09/071,845
; PRIOR FILING DATE: 1998-05-01
; PRIOR APPLICATION NUMBER: US 09/498,824
; PRIOR FILING DATE: 2000-02-04
; PRIOR APPLICATION NUMBER: US 08/292,620
; PRIOR FILING DATE: 1994-08-17
; PRIOR APPLICATION NUMBER: US 08/008,895
; PRIOR FILING DATE: 1993-01-19
; PRIOR APPLICATION NUMBER: US 07/989,849
; PRIOR FILING DATE: 1992-12-07
; PRIOR APPLICATION NUMBER: US 09/406,643
; PRIOR FILING DATE: 1999-09-27
; PRIOR APPLICATION NUMBER: US 08/878,640
; PRIOR FILING DATE: 1997-06-19
; PRIOR APPLICATION NUMBER: US 08/879,078
; PRIOR FILING DATE: 1997-06-19
; NUMBER OF SEQ ID NOS: 2897
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 51
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-532-537B-51

Query Match 4.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 3.8e+02;
Matches 11; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 897 CTCAGCTCTCGATCA 913
DB 1 CCCACUCCUGCAUCA 17

RESULT 615
US-09-780-533A-13
; Sequence 13, Application US/09780533A
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Chowrira, Bharat
; APPLICANT: Haerberli, Pete
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO Gene
; FILE REFERENCE: MBH00,878-A (400/011)
; CURRENT APPLICATION NUMBER: US/09/780,533A
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: US 60/181,797
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 6679
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 13
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-533A-13

Query Match 4.8%; Score 13.8; DB 1; Length 17;

US-10-017-974-6517/c
; Sequence 6517, Application US/10017974
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Lawrence
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Nucleic Acid-Based Treatment of Diseases or Conditions Related to
; TITLE OF INVENTION: Nile Virus Infection
; FILE REFERENCE: MBH00.1109-A (400/037)
; CURRENT APPLICATION NUMBER: US/10/017,974
; CURRENT FILING DATE: 2001-12-10
; NUMBER OF SEQ ID NOS: 37080
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 6517
; LENGTH: 17
; TYPE: RNA
; ORGANISM: West Nile virus
US-10-017-974-6517

Query Match 4.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 3.8e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 830 TCTCTTTCTCTCTGA 846
| | | | | | | | | | | | | | | | | | |
Db 17 TCTCTTTCTCTCTGA 1

RESULT 619
US-10-017-974-8337
; Sequence 8337, Application US/10017974
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Lawrence
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Nucleic Acid-Based Treatment of Diseases or Conditions Related to
; TITLE OF INVENTION: Nile Virus Infection
; FILE REFERENCE: MBH00.1109-A (400/037)
; CURRENT APPLICATION NUMBER: US/10/017,974
; CURRENT FILING DATE: 2001-12-10
; NUMBER OF SEQ ID NOS: 37080
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 8337
; LENGTH: 17
; TYPE: RNA
; ORGANISM: West Nile virus
US-10-017-974-8337

Query Match 4.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 41.2%; Pred. No. 3.8e+02;
Matches 7; Conservative 8; Mismatches 2; Indels 0; Gaps 0;

Qy 830 TCTCTTTCTCTCTGA 846
| | | | | | | | | | | | | | | | | | |
Db 1 UCUCUCUCUCUCUGA 17

RESULT 620
US-10-303-778-15561
; Sequence 15561, Application US/10303778
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL
; FILE REFERENCE: 47416
; CURRENT APPLICATION NUMBER: US/10/303,778
; CURRENT FILING DATE: 2002-11-26
; NUMBER OF SEQ ID NOS: 17608
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 15561
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens

US-10-303-778-15561

Query Match 4.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 3.8e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 826 TGTGTCTCTTTCTTCT 842
| | | | | | | | | | | | | | | | | | |
Db 1 TGTGTGATTTTCTTCT 17

RESULT 621
US-10-310-188-29766
; Sequence 29766, Application US/10310188
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENES
; TITLE OF INVENTION: USes THEREOF
; FILE REFERENCE: 47487
; CURRENT APPLICATION NUMBER: US/10/310,188
; CURRENT FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 86841
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 29766
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-310-188-29766

Query Match 4.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 3.8e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 826 TGTGTCTCTTTCTTCT 842
| | | | | | | | | | | | | | | | | | |
Db 1 TGTGTGATTTTCTTCT 17

RESULT 622
PCT-US00-09055-22/c
; Sequence 22, Application PC/TUS0009055
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowsett
; APPLICANT: ISIS PHARMACEUTICALS, INC.
; TITLE OF INVENTION: ANTISENSE MODULATION OF PDK-1 EXPRESSION
; FILE REFERENCE: RTSP-0059
; CURRENT APPLICATION NUMBER: PCT/US00/09055
; CURRENT FILING DATE: 2000-04-06
; EARLIER APPLICATION NUMBER: US 09/289,466
; EARLIER FILING DATE: 1999-04-09
; NUMBER OF SEQ ID NOS: 86
; SEQ ID NO 22
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
PCT-US00-09055-22

Query Match 4.8%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 4e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 929 CACCTCCAGAGAAATT 945
| | | | | | | | | | | | | | | | | | |
Db 17 CAACCTCCAGAGAAAT 1

RESULT 623
PCT-US02-25943-833
; Sequence 833, Application PC/TUS0225943
; GENERAL INFORMATION:

```

; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Pseudomonas aeruginosa PA01, complete genome.
; FILE REFERENCE: Jim Zeiger Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: PCT/US02/25943
; CURRENT FILING DATE: 2002-08-27
; NUMBER OF SEQ ID NOS: 64158
; SOFTWARE: Proprietary
; SEQ ID NO 833
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Pseudomonas aeruginosa PA01, complete genome.
; FEATURE:
; LOCATION: (81660)...(81677)
; OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectronObjectNumber = 898
PCT-US02-25943-833

Query Match          4.8%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 4e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 916 TTATCATCACCACCACC 932
Db 1 TGATCATCACCACCACC 17

RESULT 624
PCT-US02-25943-30131
; Sequence 30131, Application PC/TUS0225943
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Pseudomonas aeruginosa PA01, complete genome.
; FILE REFERENCE: Jim Zeiger Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: PCT/US02/25943
; CURRENT FILING DATE: 2002-08-27
; NUMBER OF SEQ ID NOS: 64158
; SOFTWARE: Proprietary
; SEQ ID NO 30131
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Pseudomonas aeruginosa PA01, complete genome.
; FEATURE:
; LOCATION: (2898576)...(2898593)
; OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectronObjectNumber = 32241
PCT-US02-25943-30131

Query Match          4.8%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 4e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 916 TTATCATCACCACCACC 932
Db 1 TGATCATCACCACCACC 17

RESULT 625
US-08-057-165-160/c
; Sequence 160, Application US/08057165
; GENERAL INFORMATION:
; APPLICANT: Hogan, Michael E.
; APPLICANT: Kessler, Donald J.
; TITLE OF INVENTION: Method for Making Synthetic
; TITLE OF INVENTION: Oligonucleotides Which Bind Specifically to Target Sites
; TITLE OF INVENTION: on Duplex DNA Molecules, by Forming a Colinear Triplex,
; TITLE OF INVENTION: the Synthetic Oligonucleotides and Methods of Use
; NUMBER OF SEQUENCES: 167
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fulbright & Jaworski
; STREET: 1301 McKinney, Suite 5100
; CITY: Houston
; STATE: TX
; COUNTRY: U.S.A.
; ZIP: 77010-3095
; COMPUTER READABLE FORM:

```

```

; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/057,165
; FILING DATE: 19930430
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/287,359
; FILING DATE: 20-DEC-1988
; APPLICATION NUMBER: US 07/453,532
; FILING DATE: 22-DEC-1989
; APPLICATION NUMBER: US 07/958,143
; FILING DATE: 06-OCT-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Paul, Thomas D.
; REGISTRATION NUMBER: 32,714
; REFERENCE/DOCKET NUMBER: D5087-(CIP)-(DIV)
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 713/651-5325
; TELEFAX: 713/651-5246
; TELEX: 762829
; INFORMATION FOR SEQ ID NO: 160:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHEetical: YES
US-08-057-165-160

Query Match          4.8%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 4e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 923 CACCACACCCCTCCACA 939
Db 18 CACCACACCCACCCACA 2

RESULT 626
US-09-958-254-22/c
; Sequence 22, Application US/09958254
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF PDK-1 EXPRESSION
; FILE REFERENCE: RTSP-0126
; CURRENT APPLICATION NUMBER: US/09/958,254
; CURRENT FILING DATE: 2001-10-05
; PRIOR APPLICATION NUMBER: US 09/289,466
; PRIOR FILING DATE: 1999-04-09
; NUMBER OF SEQ ID NOS: 86
; SEQ ID NO 22
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-958-254-22

Query Match          4.8%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 4e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 929 CACCCTCCAGAGATT 945
Db 17 CAACCTCCAGAGATAT 1

```

```
RESULT 627
US-10-227-565-833
; Sequence 833, Application US/10227565
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Pseudomonas aeruginosa PA01, complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/227,565
; CURRENT FILING DATE: 2002-08-26
; NUMBER OF SEQ ID NOS: 64158
; SOFTWARE: Proprietary
; SEQ ID NO 833
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Pseudomonas aeruginosa PA01, complete genome.
; FEATURE:
; LOCATION: (81660)...(81677)
; OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectronObjectNumber = 898
US-10-227-565-833
Query Match
Best Local Similarity 4.8%; Score 13.8; DB 1; Length 18;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 916 TTATCATCACCACCCACC 932
DB 1 TGATCATCACCACCCACC 17
; TYPE: DNA
; ORGANISM: Pseudomonas aeruginosa PA01, complete genome.
; FEATURE:
; LOCATION: (81660)...(81677)
; OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectronObjectNumber = 898
US-10-227-565-30131
; Sequence 30131, Application US/10227565
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Pseudomonas aeruginosa PA01, complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/227,565
; CURRENT FILING DATE: 2002-08-26
; NUMBER OF SEQ ID NOS: 64158
; SOFTWARE: Proprietary
; SEQ ID NO 30131
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Pseudomonas aeruginosa PA01, complete genome.
; FEATURE:
; LOCATION: (2898576)...(2898593)
; OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectronObjectNumber = 32241
US-10-227-565-30131
Query Match
Best Local Similarity 4.8%; Score 13.8; DB 1; Length 18;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 916 TTATCATCACCACCCACC 932
DB 1 TGATCATCACCACCCACC 17
; TYPE: DNA
; ORGANISM: Pseudomonas aeruginosa PA01, complete genome.
; FEATURE:
; LOCATION: (2898576)...(2898593)
; OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectronObjectNumber = 32241
US-10-227-565-30131
; Sequence 30131, Application US/10303778
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL
; FILE REFERENCE: 47416
; CURRENT APPLICATION NUMBER: US/10/303,778
; CURRENT FILING DATE: 2002-11-26
; NUMBER OF SEQ ID NOS: 17608
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 11357
; LENGTH: 18
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; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-303-778-11357
Query Match
Best Local Similarity 4.8%; Score 13.8; DB 1; Length 18;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 887 GCACCTTACTTCTCAGCT 903
DB 18 GCACCTTCTTCTCGGCT 2
; TYPE: DNA
; ORGANISM: Pseudomonas aeruginosa PA01, complete genome.
; FEATURE:
; LOCATION: (81660)...(81677)
; OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectronObjectNumber = 898
US-10-367-832A-833
; Sequence 833, Application US/10367832A
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Pseudomonas aeruginosa PA01, complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/367,832A
; CURRENT FILING DATE: 2002-08-26
; NUMBER OF SEQ ID NOS: 64158
; SOFTWARE: Proprietary
; SEQ ID NO 833
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Pseudomonas aeruginosa PA01, complete genome.
; FEATURE:
; LOCATION: (81660)...(81677)
; OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectronObjectNumber = 898
US-10-367-832A-833
Query Match
Best Local Similarity 4.8%; Score 13.8; DB 1; Length 18;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 916 TTATCATCACCACCCACC 932
DB 1 TGATCATCACCACCCACC 17
; TYPE: DNA
; ORGANISM: Pseudomonas aeruginosa PA01, complete genome.
; FEATURE:
; LOCATION: (2898576)...(2898593)
; OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectronObjectNumber = 32241
US-10-367-832A-30131
; Sequence 30131, Application US/10367832A
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Pseudomonas aeruginosa PA01, complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/367,832A
; CURRENT FILING DATE: 2002-08-26
; NUMBER OF SEQ ID NOS: 64158
; SOFTWARE: Proprietary
; SEQ ID NO 30131
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Pseudomonas aeruginosa PA01, complete genome.
; FEATURE:
; LOCATION: (2898576)...(2898593)
; OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectronObjectNumber = 32241
US-10-367-832A-30131
; Sequence 30131, Application US/10367832A
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Pseudomonas aeruginosa PA01, complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/367,832A
; CURRENT FILING DATE: 2002-08-26
; NUMBER OF SEQ ID NOS: 64158
; SOFTWARE: Proprietary
; SEQ ID NO 30131
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Pseudomonas aeruginosa PA01, complete genome.
; FEATURE:
; LOCATION: (2898576)...(2898593)
; OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectronObjectNumber = 32241
US-10-409-814A-20
RESULT 632
```

```
; Sequence 20, Application US/10409814A
; GENERAL INFORMATION:
; APPLICANT: Ge Wilt, Rudolf
; TITLE OF INVENTION: NUCLEIC ACIDS, PROTEINS, AND SCREENING METHODS
; FILE REFERENCE: 8039/2032
; CURRENT APPLICATION NUMBER: US/10/409,814A
; CURRENT FILING DATE: 2003-04-09
; NUMBER OF SEQ ID NOS: 42
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 20
; LENGTH: 18
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; OTHER INFORMATION: DNA sequence encoding His tag peptide
US-10-409-814A-20

Query Match          4.8%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 4e+02; 2; Indels 0; Gaps 0;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 915 ATTATCATCACACAC 931
Db 2 ATCATCATCACATCAC 18

RESULT 633
US-10-473-126-1048/c
; Sequence 1048, Application US/10473126
; GENERAL INFORMATION:
; APPLICANT: Epigenomics AG
; TITLE OF INVENTION: Methods and nucleic acids for the analysis of hematopoietic cell
; FILE REFERENCE: proliferative disorders
; CURRENT APPLICATION NUMBER: US/10/473,126
; CURRENT FILING DATE: 2003-09-26
; NUMBER OF SEQ ID NOS: 1258
; SEQ ID NO 1048
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Detection oligonucleotide for C-ABL
US-10-473-126-1048

Query Match          4.8%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 4e+02; 2; Indels 0; Gaps 0;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 921 ATCACACACACCTCCA 937
Db 18 ACCACACACCTCAA 2

RESULT 634
US-10-182-269A-18
; Sequence 18, Application US/10182269A
; GENERAL INFORMATION:
; APPLICANT: Shir, Alexei
; TITLE OF INVENTION: SELECTIVE KILLING OF CELLS BY ACTIVATION OF DOUBLE-STRANDED RNA I
; FILE REFERENCE: PROTEIN KINASE-PKR
; CURRENT APPLICATION NUMBER: US/10/182,269A
; CURRENT FILING DATE: 2001-01-31
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 18
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Single strand DNA oligonucleotide
```

```
US-10-182-269A-18

Query Match          4.8%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 4.3e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 753 CAGGTCCTTAGGCTTC 769
Db 1 CAGGTCCTTAGGCTTC 17

RESULT 635
US-10-310-188-46011/c
; Sequence 46011, Application US/10310188
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATICAALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENE
; FILE REFERENCE: 47487
; CURRENT APPLICATION NUMBER: US/10/310,188
; CURRENT FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 86841
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 46011
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-310-188-46011

Query Match          4.8%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 4.3e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 759 CCTAGGCTTCACCTTC 775
Db 19 CCTAGGCTTCACCTTC 3

RESULT 636
US-10-310-188-52010/c
; Sequence 52010, Application US/10310188
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATICAALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENE
; FILE REFERENCE: 47487
; CURRENT APPLICATION NUMBER: US/10/310,188
; CURRENT FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 86841
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 52010
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-310-188-52010

Query Match          4.8%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 4.3e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 888 CACTTACTTCTGAGCTT 904
Db 18 CACTTACTTCTGAGCTT 2

RESULT 637
US-60-216-745-4716
; Sequence 4716, Application US/60216745
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; APPLICANT: Abderrahim, Hadi
```

```
/ APPLICANT: Dufaire-Gare, Isabelle
/ TITLE OF INVENTION: BIALLELIC MARKER MAPS FOR USE IN CONSTRUCTING A HIGH DENSITY...
/ FILE REFERENCE: 84.US1.PRO
/ CURRENT APPLICATION NUMBER: US/60/216,745
/ CURRENT FILING DATE: 2000-06-30
/ NUMBER OF SEQ ID NOS: 13665
/ SOFTWARE: Patent.Pm
/ SEQ ID NO 4716
/ LENGTH: 19
/ TYPE: DNA
/ ORGANISM: Homo Sapiens
/ FEATURE:
/ NAME/KEY: primer_bind
/ LOCATION: 1..19
/ OTHER INFORMATION: upstream amplification primer 99-27636 for SEQ 185,
US-60-216-745-4716

Query Match      4.8%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 4.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      824 GCTGTGTCCTTTTCTT 840
Db      1 GCTGTGGCTCTTTATT 17

RESULT 638
PCT-US01-28233-116
/ Sequence 116, Application PC/TUS0128233
/ GENERAL INFORMATION:
/ APPLICANT: Isis Pharmaceuticals, Inc.
/ APPLICANT: Hong Zhang
/ APPLICANT: Andrew T. Watt
/ TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 9 EXPRESSION
/ FILE REFERENCE: RTPSP-0183
/ CURRENT APPLICATION NUMBER: PCT/US01/28233
/ CURRENT FILING DATE: 2001-09-10
/ PRIOR APPLICATION NUMBER: 09/659,845
/ PRIOR FILING DATE: 2000-09-11
/ NUMBER OF SEQ ID NOS: 174
/ SEQ ID NO 116
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
PCT-US01-28233-116

Query Match      4.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      752 CCAGGGTCCCTAGGCT 768
Db      4 CCAGGGTCCCTGGCCT 20

RESULT 639
PCT-US02-22656-50
/ Sequence 50, Application PC/TUS0222656
/ GENERAL INFORMATION:
/ APPLICANT: Isis Pharmaceuticals, Inc.
/ APPLICANT: Rosanne M. Crooke
/ APPLICANT: Mark J. Graham
/ TITLE OF INVENTION: ANTISENSE MODULATION OF C-REACTIVE PROTEIN EXPRESSION
/ FILE REFERENCE: ISPH-0692
/ CURRENT APPLICATION NUMBER: PCT/US02/22656
/ CURRENT FILING DATE: 2002-07-15
/ PRIOR APPLICATION NUMBER: 09/912,724
/ PRIOR FILING DATE: 2001-07-25
/ NUMBER OF SEQ ID NOS: 63
/ SEQ ID NO 50
/ LENGTH: 20
```

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/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
PCT-US02-22656-50

Query Match      4.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      887 GCACCTTACTTCTCAGCT 903
Db      3 GCAGCTTCCTTCAGCT 19

RESULT 640
PCT-US03-20865-536/c
/ Sequence 536, Application PC/TUS0320865
/ GENERAL INFORMATION:
/ APPLICANT: Pharmacia Corporation
/ APPLICANT: Kane, Christopher D
/ TITLE OF INVENTION: ANTISENSE MODULATION OF LRH1 EXPRESSION
/ FILE REFERENCE: 01190/1/PCT
/ CURRENT APPLICATION NUMBER: PCT/US03/20865
/ CURRENT FILING DATE: 2003-07-01
/ PRIOR APPLICATION NUMBER: 60/392,813
/ PRIOR FILING DATE: 2002-07-01
/ NUMBER OF SEQ ID NOS: 3450
/ SOFTWARE: Patentin version 3.2
/ SEQ ID NO 536
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: artificial
/ FEATURE:
/ OTHER INFORMATION: Human LRH1 antisense
PCT-US03-20865-536

Query Match      4.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      952 AGAAGAGCCCAATTGAC 968
Db      20 AGAAGTCCCAATTGAC 4

RESULT 641
PCT-US03-20865-554/c
/ Sequence 554, Application PC/TUS0320865
/ GENERAL INFORMATION:
/ APPLICANT: Pharmacia Corporation
/ APPLICANT: Kane, Christopher D
/ TITLE OF INVENTION: ANTISENSE MODULATION OF LRH1 EXPRESSION
/ FILE REFERENCE: 01190/1/PCT
/ CURRENT APPLICATION NUMBER: PCT/US03/20865
/ CURRENT FILING DATE: 2003-07-01
/ PRIOR APPLICATION NUMBER: 60/392,813
/ PRIOR FILING DATE: 2002-07-01
/ NUMBER OF SEQ ID NOS: 3450
/ SOFTWARE: Patentin version 3.2
/ SEQ ID NO 554
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: artificial
/ FEATURE:
/ OTHER INFORMATION: Human LRH1 antisense
PCT-US03-20865-554

Query Match      4.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      952 AGAAGAGCCCAATTGAC 968
```



```
Db      19 AGAACTGCCAAATTCAC 3
||||| ||||| ||||| |||||
; FILE REFERENCE: 01294/1/PCT
; CURRENT APPLICATION NUMBER: PCT/US03/25389
; CURRENT FILING DATE: 2003-08-14
; PRIOR APPLICATION NUMBER: 60/403,591
; PRIOR FILING DATE: 2002-08-14
; NUMBER OF SEQ ID NOS: 3624
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1510
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: human ACS-1 antisense
PCT-US03-25389-1510/c
Query Match      4.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      876 TTTCCTGAGATGCACCTT 892
||||| ||||| ||||| |||||
Db      20 TTTCCTGGGATTCACCTT 4

RESULT 643
PCT-US03-25389-1661/c
; Sequence 1661, Application PC/TUS0325389
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corporation
; TITLE OF INVENTION: Antisense Modulation Of Acyl-CoA Synthetase 1 Expression
; CURRENT APPLICATION NUMBER: PCT/US03/25389
; CURRENT FILING DATE: 2003-08-14
; PRIOR APPLICATION NUMBER: 60/403,591
; PRIOR FILING DATE: 2002-08-14
; NUMBER OF SEQ ID NOS: 3624
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1661
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: human ACS-1 antisense
PCT-US03-25389-1661
Query Match      4.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      876 TTTCCTGAGATGCACCTT 892
||||| ||||| ||||| |||||
Db      19 TTTCCTGGGATTCACCTT 3

RESULT 644
PCT-US03-25389-2175/c
; Sequence 2175, Application PC/TUS0325389
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corporation
; TITLE OF INVENTION: Antisense Modulation Of Acyl-CoA Synthetase 1 Expression
; CURRENT APPLICATION NUMBER: PCT/US03/25389
; CURRENT FILING DATE: 2003-08-14
; PRIOR APPLICATION NUMBER: 60/403,591
; PRIOR FILING DATE: 2002-08-14
; NUMBER OF SEQ ID NOS: 3624
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 2175
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: human ACS-1 antisense
PCT-US03-25389-2175
Query Match      4.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      876 TTTCCTGAGATGCACCTT 892
||||| ||||| ||||| |||||
Db      17 TTTCCTGGGATTCACCTT 1

RESULT 645
PCT-US03-25389-2622/c
; Sequence 2622, Application PC/TUS0325389
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corporation
; TITLE OF INVENTION: Antisense Modulation Of Acyl-CoA Synthetase 1 Expression
; CURRENT APPLICATION NUMBER: PCT/US03/25389
; CURRENT FILING DATE: 2003-08-14
; PRIOR APPLICATION NUMBER: 60/403,591
; PRIOR FILING DATE: 2002-08-14
; NUMBER OF SEQ ID NOS: 3624
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 2622
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: human ACS-1 antisense
PCT-US03-25389-2622
Query Match      4.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      876 TTTCCTGAGATGCACCTT 892
||||| ||||| ||||| |||||
Db      18 TTTCCTGGGATTCACCTT 2

RESULT 646
PCT-US03-39230-43/c
; Sequence 43, Application PC/TUS0339230
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF ALPHA-METHYLACYL-COA RACEMASE EXPRESSION
; FILE REFERENCE: RTS-0471
; CURRENT APPLICATION NUMBER: PCT/US03/39230
; CURRENT FILING DATE: 2003-12-10
; NUMBER OF SEQ ID NOS: 156
; SEQ ID NO 43
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
PCT-US03-39230-43
```

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Query Match      4.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 728 CTGGTCATAGGACTTGG 744
Db 20 CTGATCAAGAGCTTGG 4

RESULT 647
US-09-514-000-9003
; Sequence 9003, Application US/09514000
; GENERAL INFORMATION:
; APPLICANT: Hinkle, Gregory J.
; APPLICANT: Slater, Steven C.
; TITLE OF INVENTION: Agrobacterium tumefaciens Genome Sequences and Uses Thereof
; FILE REFERENCE: 38-10(15490)B
; CURRENT APPLICATION NUMBER: US/09/514,000
; CURRENT FILING DATE: 2000-02-23
; NUMBER OF SEQ ID NOS: 15034
; SEQ ID NO 9003
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Agrobacterium tumefaciens
US-09-514-000-9003

Query Match      4.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 729 TGGTCATAGGACTTGGT 745
Db 2 TTGTCATCGGACTTGGT 18

RESULT 648
US-09-851-871-22
; Sequence 22, Application US/09851871
; GENERAL INFORMATION:
; APPLICANT: Bennett, Clarence Frank
; APPLICANT: Vickers, Timothy A.
; APPLICANT: Karras, James G.
; TITLE OF INVENTION: Oligonucleotide Compositions and Methods for the
; FILE REFERENCE: ISPH-0543
; CURRENT APPLICATION NUMBER: US/09/851,871
; CURRENT FILING DATE: 2001-05-09
; PRIOR APPLICATION NUMBER: PCT/US00/14471
; PRIOR FILING DATE: 2000-05-25
; PRIOR APPLICATION NUMBER: 09/326,186
; PRIOR FILING DATE: 1999-06-04
; PRIOR APPLICATION NUMBER: 08/777,266
; PRIOR FILING DATE: 1998-11-26
; NUMBER OF SEQ ID NOS: 284
; SOFTWARE: Patent in Ver. 2.0
; SEQ ID NO 22
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-851-871-22

Query Match      4.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 762 TAGGCCTCCACTTCTGA 778
Db 4 TAAGACTCCACTTCTGA 20

RESULT 649
US-09-851-871A-22
; Sequence 22, Application US/09851871A
; GENERAL INFORMATION:
; APPLICANT: Bennett, Clarence Frank
; APPLICANT: Vickers, Timothy A.
; APPLICANT: ISIS PHARMACEUTICALS, INC.
; TITLE OF INVENTION: Oligonucleotide Compositions and Methods for the
; FILE REFERENCE: ISPH-0543
; CURRENT APPLICATION NUMBER: US/09/851,871A
; CURRENT FILING DATE: 2001-05-09
; PRIOR APPLICATION NUMBER: PCT/US00/14471
; PRIOR FILING DATE: 2000-05-25
; PRIOR APPLICATION NUMBER: 09/326,186
; PRIOR FILING DATE: 1999-06-04
; PRIOR APPLICATION NUMBER: 08/777,266
; PRIOR FILING DATE: 1996-12-31
; NUMBER OF SEQ ID NOS: 224
; SOFTWARE: Patent in Ver. 2.0
; SEQ ID NO 22
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-851-871A-22

Query Match      4.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 762 TAGGCCTCCACTTCTGA 778
Db 4 TAAGACTCCACTTCTGA 20

RESULT 650
US-09-856-662-49
; Sequence 49, Application US/09856662
; GENERAL INFORMATION:
; APPLICANT: MORIBE, Toyoki et al.
; TITLE OF INVENTION: Method for typing HLA class 1 genes
; FILE REFERENCE: 0032-0261P
; CURRENT APPLICATION NUMBER: US/09/856,662
; CURRENT FILING DATE: 2001-05-24
; PRIOR APPLICATION NUMBER: JP P1998-335151
; PRIOR FILING DATE: 1998-11-26
; NUMBER OF SEQ ID NOS: 130
; SOFTWARE: Patent in Ver. 2.0
; SEQ ID NO 49
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: DNA probe BL38
US-09-856-662-49

Query Match      4.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 929 CACCTCCAGAGATT 945
Db 2 CACCTCCAGAGATTCT 18

RESULT 651
US-09-912-724-50
; Sequence 50, Application US/09912724
; GENERAL INFORMATION:
; APPLICANT: Rosanne M. Crooke
; APPLICANT: Mark J. Graham
```

```
; TITLE OF INVENTION: ANTISENSE MODULATION OF C-REACTIVE PROTEIN EXPRESSION
; FILE REFERENCE: ISPH-0584
; CURRENT APPLICATION NUMBER: US/09/912,724
; CURRENT FILING DATE: 2001-07-25
; NUMBER OF SEQ ID NOS: 63
; SEQ ID NO 50
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-912-724-50

Query Match      4.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 887 GCACCTTACTTCTCAGCT 903
Db 3 GCGCTTCCTTCTCAGCT 19

RESULT 652
US-09-980-953-22
; Sequence 22, Application US/09980953
; GENERAL INFORMATION:
; APPLICANT: Bennett, Clarence Frank
; APPLICANT: Vickers, Timothy A.
; APPLICANT: Karras, James, G.
; TITLE OF INVENTION: Antisense Modulation of B7 Protein Expression
; FILE REFERENCE: ISPH-0621
; CURRENT APPLICATION NUMBER: US/09/980,953
; CURRENT FILING DATE: 2001-12-03
; PRIOR APPLICATION NUMBER: 09/326,186
; PRIOR FILING DATE: 1999-06-04
; NUMBER OF SEQ ID NOS: 285
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 22
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-980-953-22

Query Match      4.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 762 TAGGCTCCACTTCTGA 778
Db 4 TAAGACTCCACTTCTGA 20

RESULT 653
US-10-189-406-34/c
; Sequence 34, Application US/10189406
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Kenneth W. Doble
; TITLE OF INVENTION: ANTISENSE MODULATION OF P21-ACTIVATED KINASE 2 EXPRESSION
; FILE REFERENCE: PTS-0026
; CURRENT APPLICATION NUMBER: US/10/189,406
; CURRENT FILING DATE: 2002-07-03
; NUMBER OF SEQ ID NOS: 68
; SEQ ID NO 34
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-189-406-34
```

```
Query Match      4.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 837 TCTTCTCTGAAGACGC 853
Db 20 TATTCTCTGAAGACAAC 4

RESULT 654
US-10-189-406-61
; Sequence 61, Application US/10189406
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Kenneth W. Doble
; TITLE OF INVENTION: ANTISENSE MODULATION OF P21-ACTIVATED KINASE 2 EXPRESSION
; FILE REFERENCE: PTS-0026
; CURRENT APPLICATION NUMBER: US/10/189,406
; CURRENT FILING DATE: 2002-07-03
; NUMBER OF SEQ ID NOS: 68
; SEQ ID NO 61
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
; OTHER INFORMATION:
US-10-189-406-61

Query Match      4.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 837 TCTTCTCTGAAGACGC 853
Db 1 TATTCTCTGAAGACAAC 17

RESULT 655
US-10-266-090-42928/c
; Sequence 42928, Application US/10266090
; GENERAL INFORMATION:
; APPLICANT: GOFF, STEPHEN
; APPLICANT: BONAN, CAROLINE
; APPLICANT: COLBERT, MICHELLE
; APPLICANT: WANG, RONG-LIN
; TITLE OF INVENTION: CEREAL TRINUCLEOTIDE SIMPLE SEQUENCE
; TITLE OF INVENTION: REPEAT MARKERS AND THEIR USES
; FILE REFERENCE: NADII.058C1
; CURRENT APPLICATION NUMBER: US/10/266,090
; CURRENT FILING DATE: 2002-10-03
; PRIOR APPLICATION NUMBER: US 10/260,703
; PRIOR FILING DATE: 2002-09-26
; PRIOR APPLICATION NUMBER: US 60/326,117
; PRIOR FILING DATE: 2001-09-26
; NUMBER OF SEQ ID NOS: 51812
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 42928
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR PRIMER FOR SEQUENCE FROM ORYZA SATIVA
US-10-266-090-42928

Query Match      4.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 795 GCCAAGAGCTCTCTCC 811
Db 17 GACAAGAGCTCACCTCC 1

RESULT 656
```

```
US-10-266-090-47550
; Sequence 47550, Application US/10266090
; GENERAL INFORMATION:
; APPLICANT: GOFF, STEPHEN
; APPLICANT: BONAN, CAROLINE
; APPLICANT: COLBERT, MICHELLE
; APPLICANT: WANG, RONG-LIN
; TITLE OF INVENTION: CEREAL TRINUCLEOTIDE SIMPLE SEQUENCE
; TITLE OF INVENTION: REPEAT MARKERS AND THEIR USES
; FILE REFERENCE: NADII.058C1
; CURRENT APPLICATION NUMBER: US/10/266,090
; CURRENT FILING DATE: 2002-10-03
; PRIOR APPLICATION NUMBER: US 10/260,703
; PRIOR FILING DATE: 2002-09-26
; PRIOR APPLICATION NUMBER: US 60/326,117
; PRIOR FILING DATE: 2001-09-26
; NUMBER OF SEQ ID NOS: 51812
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 47550
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR PRIMER FOR SEQUENCE FROM ORYZA SATIVA
US-10-266-090-47550
Query Match      4.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      795 GCCAAGAGCTCTCC 811
      ||||| ||||| |||||
Db      4 GCCAAGAGCTCTCGTCC 20

RESULT 657
US-10-271-887-116
; Sequence 116, Application US/10271887
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 9 EXPRESSION
; FILE REFERENCE: RTS-0183
; CURRENT APPLICATION NUMBER: US/10/271,887
; CURRENT FILING DATE: 2002-10-15
; PRIOR APPLICATION NUMBER: US/09/659,845A
; PRIOR FILING DATE: 2001-07-23
; NUMBER OF SEQ ID NOS: 174
; SEQ ID NO 116
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-271-887-116
Query Match      4.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      752 CCAGGTCCTAGGCT 768
      ||||| ||||| |||||
Db      4 CCAGGTCCTAGGCT 20

RESULT 658
US-10-292-337-36/c
; Sequence 36, Application US/10292337
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Nicholas M. Dean
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF ENDOTHELIAL DIFFERENTIATION GENE 2 EXPRESSION
; FILE REFERENCE: PTS-0058
; CURRENT APPLICATION NUMBER: US/10/292,337
; CURRENT FILING DATE: 2002-11-13
; NUMBER OF SEQ ID NOS: 139
; SEQ ID NO 102
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
; OTHER INFORMATION:
US-10-292-337-102
; Sequence 102, Application US/10292337
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Nicholas M. Dean
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF ENDOTHELIAL DIFFERENTIATION GENE 2 EXPRESSION
; FILE REFERENCE: PTS-0058
; CURRENT APPLICATION NUMBER: US/10/292,337
; CURRENT FILING DATE: 2002-11-13
; NUMBER OF SEQ ID NOS: 139
; SEQ ID NO 102
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
; OTHER INFORMATION:
US-10-292-337-102
Query Match      4.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      728 CTGTCATAGGACTTGG 744
      ||||| ||||| |||||
Db      3 CTGTCATAGGACTTGG 19

RESULT 660
US-10-316-540-43/c
; Sequence 43, Application US/10316540
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; APPLICANT: Ravi Jain
; TITLE OF INVENTION: MODULATION OF ALPHA-METHYLACYL-COA RACEMASE EXPRESSION
; FILE REFERENCE: RIS-0471
; CURRENT APPLICATION NUMBER: US/10/316,540
; CURRENT FILING DATE: 2002-12-10
; NUMBER OF SEQ ID NOS: 156
; SEQ ID NO 43
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-316-540-43
Query Match      4.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      728 CTGTCATAGGACTTGG 744
      ||||| ||||| |||||
Db      3 CTGTCATAGGACTTGG 19

RESULT 661
US-10-316-540-43/c
; Sequence 43, Application US/10316540
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; APPLICANT: Ravi Jain
; TITLE OF INVENTION: MODULATION OF ALPHA-METHYLACYL-COA RACEMASE EXPRESSION
; FILE REFERENCE: RIS-0471
; CURRENT APPLICATION NUMBER: US/10/316,540
; CURRENT FILING DATE: 2002-12-10
; NUMBER OF SEQ ID NOS: 156
; SEQ ID NO 43
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-316-540-43
Query Match      4.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      728 CTGTCATAGGACTTGG 744
      ||||| ||||| |||||
Db      3 CTGTCATAGGACTTGG 19
```

DB 20 CTGATCAAGGACTTGG 4

|||||

RESULT 661

US-10-325-899-9645/c

; Sequence 9645, Application US/10325899

; GENERAL INFORMATION:

; APPLICANT: Wohlgemuth, Jay

; APPLICANT: Fty, Kirk

; APPLICANT: Ly, Ngoc

; APPLICANT: Woodward, Robert

; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR DIAGNOSING AND MONITORING TRANSPLANT

; TITLE OF INVENTION: REJECTION

; FILE REFERENCE: 506612000122

; CURRENT APPLICATION NUMBER: US/10/325,899

; CURRENT FILING DATE: 2002-12-20

; PRIOR APPLICATION NUMBER: US 60/296,764

; PRIOR FILING DATE: 2001-06-08

; PRIOR APPLICATION NUMBER: US 10/006,290

; PRIOR FILING DATE: 2001-10-22

; PRIOR APPLICATION NUMBER: US 10/131,831

; PRIOR FILING DATE: 2002-04-24

; NUMBER OF SEQ ID NOS: 9966

; SOFTWARE: Patentin version 3.1

; SEQ ID NO 9645

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Homo sapiens

US-10-325-899-9645

```
Query Match          4.8%;   Score 13.8;   DB 1;   Length 20;
Best Local Similarity 88.2%;   Pred. No. 4.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

Qy 767 CTCCACTTCTGAGGCA 783
|||||
Db 17 CTCCACGTCTGAGGTCA 1

```

RESULT 662
US-10-444-206-22
; Sequence 22, Application US/10444206
; GENERAL INFORMATION:
; APPLICANT: Bennett, Clarence Frank
; APPLICANT: Vickers, Timothy A.
; APPLICANT: Karras, James G.
; TITLE OF INVENTION: Oligonucleotide Compositions and Methods for the
; TITLE OF INVENTION: Modulation of the Expression of B7 Protein
; FILE REFERENCE:
; CURRENT APPLICATION NUMBER: US/10/444, 206
; CURRENT FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: 09/851,871
; PRIOR FILING DATE: 2001-05-09
; PRIOR APPLICATION NUMBER: PCT/US00/14471
; PRIOR FILING DATE: 2000-05-25
; PRIOR APPLICATION NUMBER: 09/326,186
; PRIOR FILING DATE: 1999-06-04
; PRIOR APPLICATION NUMBER: 08/777,266
; PRIOR FILING DATE: 1996 12 31
; NUMBER OF SEQ ID NOS: 444
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 22
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-444-206-22

```

```
Query Match          4.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

Qy : 762 TAGGCTTCCACTTCTGA 778
Db : 4 TAAGACTTCCACTTCTGA 20

```

RESULT 663
US-10-483-424-50
Sequence 50, Application US/10483424
GENERAL INFORMATION:
APPLICANT: Rosanne M. Crooke
APPLICANT: Mark J. Graham
TITLE OF INVENTION: ANTISENSE MODUL
FILE REFERENCE: ISPH-0692
CURRENT APPLICATION NUMBER: US/10/4
CURRENT FILING DATE: 2004-01-22
PRIOR APPLICATION NUMBER: 09/912,72
PRIOR FILING DATE: 2001-07-25
NUMBER OF SEQ ID NOS: 63
SEQ ID NO 50
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligo
US-10-483-424-50

```

```

Query Match          4.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

Qy 887 GCACTTACTTCTCAGCT 903
Db 3 GCGCTTCTCTCAGCT 19

```

RESULT 664
US-10-604-944-283/c
; Sequence 283, Application US/10604944
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATICAL
; TITLE OF INVENTION: AND USES THEREOF
; FILE REFERENCE: 55008
; CURRENT APPLICATION NUMBER: US/10/604-
; CURRENT FILING DATE: 2003-08-28
; NUMBER OF SEQ ID NOS: 406
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 283
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Human immunodeficiency vi
US-10-604-944-283

```

```
Query Match          4.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

Qy 912 CAGATTATCATCAC 928
Db 20 CAGTTTATCATCACCC 4

```

RESULT 665
US-10-605-838-283/c
; Sequence 283, Application US/10605838
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATICAL
; TITLE OF INVENTION: AND USES THEREOF
; FILE REFERENCE: 55008
; CURRENT APPLICATION NUMBER: US/10/605
; CURRENT FILING DATE: 2003-10-30

```

```
; NUMBER OF SEQ ID NOS: 406
; SOFTWARE: Patent version 3.2
; SEQ ID NO 283
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Human immunodeficiency virus 1
US-10-605-839-283

Query Match      4.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 912 CAGATTATCATCACCAC 928
DB 20 CAGTTTATCATCCCC 4

RESULT 666
US-10-641-962-22
; Sequence 22, Application US/10641962
; GENERAL INFORMATION:
; APPLICANT: Bennett et al.
; TITLE OF INVENTION: Oligonucleotide Compositions and Methods for the
; FILE OF INVENTION: Modulation of the Expression of B7 Protein
; FILE REFERENCE: 30566/39578
; CURRENT APPLICATION NUMBER: US/10/641,962
; CURRENT FILING DATE: 2003-08-15
; NUMBER OF SEQ ID NOS: 444
; SOFTWARE: Patent Ver. 2.0
; SEQ ID NO 22
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic primer
US-10-641-962-22

Query Match      4.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 762 TAGGCTCCACTTCTGA 778
DB 4 TAAGACTCCACTTCTGA 20

RESULT 667
PCT-US98-04571A-21/c
; Sequence 21, Application PC/TUS9804571A
; GENERAL INFORMATION:
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: GENETIC COMPOSITIONS AND
; FILE OF INVENTION: METHODS
; NUMBER OF SEQUENCES: 686
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, 8th Floor
; CITY: San Francisco
; STATE: CA
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US98/04571A
; FILING DATE: 03-MAR-1998
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/042,125
; FILING DATE: 28-MAR-1997

; NUMBER OF SEQ ID NOS: 159
; FILING DATE: 07-MAR-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Liebeschuetz, Joseph O
; REGISTRATION NUMBER: 37,505
; REFERENCE/DOCKET NUMBER: 018547-029002PC
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-576-0200
; TELEFAX: 415-576-0300
; TELEX:
; INFORMATION FOR SEQ ID NO: 21:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; PCT-US98-04571A-21

Query Match      4.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 4.8e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 880 CTGAGATGCACCTTACTT 896
DB 21 CTGAATGCATTTACTT 5

RESULT 668
US-08-813-159-21/c
; Sequence 21, Application US/08813159
; GENERAL INFORMATION:
; APPLICANT: Lipshutz, Robert J.
; APPLICANT: Chee, Mark
; APPLICANT: Fan, Jian-Bing
; APPLICANT: Berno, Anthony
; TITLE OF INVENTION: Genetic Compositions and
; FILE OF INVENTION: Methods
; NUMBER OF SEQUENCES: 199
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/813,159
; FILING DATE: 03-JUL-1997
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Liebeschuetz, Joseph O.
; REGISTRATION NUMBER: 37,505
; REFERENCE/DOCKET NUMBER: 018547-029001US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; TELEX:
; INFORMATION FOR SEQ ID NO: 21:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Genomic DNA
; US-08-813-159-21

Query Match      4.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 4.8e+02;
```

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 880 CTGACATGCACTTACTT 896
Db 21 CTGAATGCACTTACTT 5

RESULT 669

US-09-657-472-2166
; Sequence 2166, Application US/09657472
; GENERAL INFORMATION:
; APPLICANT: Lander, Eric S.
; APPLICANT: Carelli, Michele
; APPLICANT: Ireland, James S.
; APPLICANT: Bolk, Stacey
; APPLICANT: Daley, George Q.
; APPLICANT: McCarthy, Jeanette J.
; TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHISMS IN GENES
; FILE REFERENCE: 2825.1027-001
; CURRENT APPLICATION NUMBER: US/09/657,472
; CURRENT FILING DATE: 2000-09-07
; PRIOR APPLICATION NUMBER: US 60/153,357
; PRIOR FILING DATE: 1999-09-10
; PRIOR APPLICATION NUMBER: US 60/220,947
; PRIOR FILING DATE: 2000-07-26
; PRIOR APPLICATION NUMBER: US 60/225,724
; PRIOR FILING DATE: 2000-08-16
; NUMBER OF SEQ ID NOS: 2551
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 2166
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-657-472-2166

Query Match 4.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 78.9%; Pred. No. 4.8e+02;
Matches 15; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

Qy 835 TTCTCTCTGAGACAGC 853
Db 2 TCTCTCTCYGAAGACAT 20

RESULT 670

US-10-294-719-63
; Sequence 63, Application US/10294719
; GENERAL INFORMATION:
; APPLICANT: Dickson, Barry
; APPLICANT: Berger, Juerg
; APPLICANT: Suzuki, Takashi
; APPLICANT: Knoblich, Juergen
; TITLE OF INVENTION: Method for Identifying Therapeutic Targets By Use of Genetic Screens
; FILE REFERENCE: 0652.2440001
; CURRENT APPLICATION NUMBER: US/10/294,719
; CURRENT FILING DATE: 2003-01-13
; PRIOR APPLICATION NUMBER: US 60/353,046
; PRIOR FILING DATE: 2002-02-01
; NUMBER OF SEQ ID NOS: 632
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 63
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Drosophila melanogaster
US-10-294-719-63

Query Match 4.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 4.8e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 824 GCTGTCTCTTTTCTT 840
||| ||||| ||||| |||

Db 2 GCTTGTCTCTTTTATT 18
||| ||||| ||||| |||

RESULT 671

US-10-303-778-14080
; Sequence 14080, Application US/10303778
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL
; FILE REFERENCE: 47416
; CURRENT APPLICATION NUMBER: US/10/303,778
; CURRENT FILING DATE: 2002-11-26
; NUMBER OF SEQ ID NOS: 17608
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 14080
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-303-778-14080

Query Match 4.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 4.8e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 745 TAGGTCCTCCAGGTCCTCC 761
||| ||||| ||||| |||

Db 3 TAGATTCAGGTCCTCC 19

RESULT 672

US-10-304-441-1/c
; Sequence 1, Application US/10304441
; GENERAL INFORMATION:
; APPLICANT: Gould, Jean H.
; APPLICANT: Newton, Ronald J.
; TITLE OF INVENTION: Method of Transforming Intact Plants
; FILE REFERENCE: 019413-00301
; CURRENT APPLICATION NUMBER: US/10/304,441
; CURRENT FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: 60/336,809
; PRIOR FILING DATE: 2001-12-04
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; NAME/KEY: primer_bind
; OTHER INFORMATION: Primer used for uidA (GUS) forward
US-10-304-441-1

Query Match 4.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 4.8e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 910 ATCAGATTATCATCACC 926
||| ||||| ||||| |||

Db 20 AGCGATTATCATCACC 4

RESULT 673

US-10-751-736-13673/c
; Sequence 13673, Application US/10751736
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; FILE REFERENCE: AM100927 (031896-002000)

```
; CURRENT APPLICATION NUMBER: US/10/751,736
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 13673
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAI
US-10-751-736-13673

Query Match          4.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 4.8e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 732 TCATAGGACTTGGTAGG 748
Db 17 TCTTAGGACTTGGTAGG 1

RESULT 674
US-10-751-736-14102/c
; Sequence 14102, Application US/10/751,736
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: US/10/751,736
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 14102
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAI
US-10-751-736-14102

Query Match          4.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 4.8e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 732 TCATAGGACTTGGTAGG 748
Db 18 TCTTAGGACTTGGTAGG 2

RESULT 675
US-10-751-736-24780
; Sequence 24780, Application US/10/751,736
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: US/10/751,736
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 24780
; LENGTH: 21
; TYPE: RNA
US-10-751-736-24780

Query Match          4.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 4.8e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 732 TCATAGGACTTGGTAGG 748
Db 18 TCTTAGGACTTGGTAGG 2

RESULT 676
US-10-751-736-46483/c
; Sequence 46483, Application US/10/751,736
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: US/10/751,736
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 46483
; LENGTH: 21
; TYPE: DNA
; ORGANISM: homo sapiens
US-10-751-736-46483

Query Match          4.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 4.8e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 858 TGGCTCCAGTTGGACA 874
Db 18 GGAAGACTTTCGGAGA 2

RESULT 677
US-10-751-736-46483/c
; Sequence 46483, Application US/10/751,736
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: US/10/751,736
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 46483
; LENGTH: 21
; TYPE: DNA
; ORGANISM: homo sapiens
US-10-751-736-46483

Query Match          4.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 4.8e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 858 TGGCTCCAGTTGGACA 874
Db 18 GGAAGACTTTCGGAGA 2
```


Db 21 TGGCTCCACGTGGAACA 5

RESULT 678

US-10-751-736-46484/c

; Sequence 46484, Application US/10751736

; GENERAL INFORMATION:

; APPLICANT: Wyeth

; APPLICANT: Martinez, Robert

; APPLICANT: Brown, Eugene

; APPLICANT: Liu, Wei

; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON

; FILE REFERENCE: AM100927 (031896-002000)

; CURRENT APPLICATION NUMBER: US/10/751,736

; CURRENT FILING DATE: 2003-01-06

; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000

; PRIOR FILING DATE: 2003-01-06

; NUMBER OF SEQ ID NOS: 54873

; SOFTWARE: PatentIn version 3.2

; SEQ ID NO 46484

; LENGTH: 21

; TYPE: RNA

; ORGANISM: RNAi

US-10-751-736-46484

Query Match 4.8%; Score 13.8; DB 1; Length 21;

Best Local Similarity 88.2%; Pred. No. 4.8e+02;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 858 TGGCTCCAGTTGGAACA 874

Db 19 TGGCTCCACGTGGAACA 3

RESULT 679

US-10-751-736-48546

; Sequence 48546, Application US/10751736

; GENERAL INFORMATION:

; APPLICANT: Wyeth

; APPLICANT: Martinez, Robert

; APPLICANT: Brown, Eugene

; APPLICANT: Liu, Wei

; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON

; FILE REFERENCE: AM100927 (031896-002000)

; CURRENT APPLICATION NUMBER: US/10/751,736

; CURRENT FILING DATE: 2003-01-06

; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000

; PRIOR FILING DATE: 2003-01-06

; NUMBER OF SEQ ID NOS: 54873

; SOFTWARE: PatentIn version 3.2

; SEQ ID NO 48546

; LENGTH: 21

; TYPE: RNA

; ORGANISM: RNAi

US-10-751-736-48546

Query Match 4.8%; Score 13.8; DB 1; Length 21;

Best Local Similarity 64.7%; Pred. No. 4.8e+02;

Matches 11; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 916 TTATCATCACCACCACC 932

Db 1 UUAUCAUCCGCCACC 17

RESULT 680

US-60-216-745-13088/c

; Sequence 13088, Application US/60216745

; GENERAL INFORMATION:

; APPLICANT: Cohen, Daniel

; APPLICANT: Blumenfeld, Marta

; APPLICANT: Chumakov, Ilya

; APPLICANT: Abderrahim, Hadi

; APPLICANT: Dufraire-Gare, Isabelle

; TITLE OF INVENTION: BIALLELIC MARKER MAPS FOR USE IN CONSTRUCTING A HIGH DENSITY...

; FILE REFERENCE: 84 US1 PRO

; CURRENT APPLICATION NUMBER: US/60/216,745

; CURRENT FILING DATE: 2000-06-30

; NUMBER OF SEQ ID NOS: 13665

; SOFTWARE: Patent.pm

; SEQ ID NO 13088

; LENGTH: 21

; TYPE: DNA

; ORGANISM: Homo Sapiens

; FEATURE:

; NAME/KEY: primer_bind

; LOCATION: 1..21

; OTHER INFORMATION: downstream amplification primer 99-21573 for SEQ 4026, in complem

US-60-216-745-13088

Query Match 4.8%; Score 13.8; DB 1; Length 21;

Best Local Similarity 88.2%; Pred. No. 4.8e+02;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 826 TGTGTCTCTTTCTTCT 842

Db 17 TGTGACTCTTCTTCTTCT 1

RESULT 681

PCT-US01-00953-65

; Sequence 65, Application PC/TUS0100953

; GENERAL INFORMATION:

; APPLICANT: Isis Pharmaceuticals, Inc.

; APPLICANT: Robert McKay

; APPLICANT: Madeline M. Butler

; APPLICANT: Jacqueline Wyatt

; APPLICANT: Lex M. Cowsett

; TITLE OF INVENTION: ANTISENSE MODULATION OF PEPCK-CYTOSOLIC EXPRESSION

; FILE REFERENCE: RTSP-0090

; CURRENT APPLICATION NUMBER: PCT/US01/00953

; CURRENT FILING DATE: 2001-01-11

; PRIOR APPLICATION NUMBER: 09/488,671

; PRIOR FILING DATE: 2000-01-19

; NUMBER OF SEQ ID NOS: 177

; SEQ ID NO 65

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

PCT-US01-00953-65

Query Match 4.7%; Score 13.6; DB 1; Length 20;

Best Local Similarity 80.0%; Pred. No. 4.8e+02;

Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 865 AGTTGAACACTTCTCTGAG 884

Db 1 AATGGGAACACTTCCGGAG 20

RESULT 682

PCT-US02-16135-22

; Sequence 22, Application PC/TUS0216135

; GENERAL INFORMATION:

; APPLICANT: C. Frank Bennett

; APPLICANT: Jacqueline Wyatt

; APPLICANT: Isis Pharmaceuticals, Inc.

; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP IIA (SYNOVIAL)

; FILE REFERENCE: RTSP-0289

; CURRENT APPLICATION NUMBER: PCT/US02/16135

; CURRENT FILING DATE: 2002-05-21

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; PRIOR APPLICATION NUMBER: 09/865,866
; PRIOR FILING DATE: 2001-05-25
; NUMBER OF SEQ ID NOS: 173
; SEQ ID NO 22
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
PCT-US02-16135-22

Query Match          4.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.8e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 831 CTCCTTTCTCTCTCTGAAGAC 850
Db 1 CTCCTTACCTCTCAGAGGAC 20

RESULT 683
PCT-US02-33236-67
; Sequence 67, Application PC/TUS0233236
; GENERAL INFORMATION:
; APPLICANT: Isis Pharmaceuticals, Inc.
; APPLICANT: C. Frank Bennett
; APPLICANT: Christopher K. Mirabelli
; TITLE OF INVENTION: OLIGONUCLEOTIDE MODULATION OF CELL ADHESION
; FILE REFERENCE: ISPH-0715
; CURRENT APPLICATION NUMBER: PCT/US02/33236
; CURRENT FILING DATE: 2002-10-17
; PRIOR APPLICATION NUMBER: 09/982,262
; PRIOR FILING DATE: 2001-10-18
; PRIOR APPLICATION NUMBER: 09/659,288
; PRIOR FILING DATE: 2000-09-12
; PRIOR APPLICATION NUMBER: 09/128,496
; PRIOR FILING DATE: 1998-08-03
; PRIOR APPLICATION NUMBER: 08/440,740
; PRIOR FILING DATE: 1995-05-12
; PRIOR APPLICATION NUMBER: 08/063,167
; PRIOR FILING DATE: 1993-05-17
; PRIOR APPLICATION NUMBER: 07/969,151
; PRIOR FILING DATE: 1993-02-10
; PRIOR APPLICATION NUMBER: 08/007,997
; PRIOR FILING DATE: 1993-01-21
; NUMBER OF SEQ ID NOS: 86
; SEQ ID NO 67
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
PCT-US02-33236-67

Query Match          4.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.8e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 825 CTGTGCTCTTTCTCTCTCT 844
Db 1 CTGTGCTCTCTCTCTCCGCT 20

RESULT 684
PCT-US03-01698-19/c
; Sequence 19, Application PC/TUS0301698
; GENERAL INFORMATION:
; APPLICANT: Abbott Laboratories
; APPLICANT: Mukerji, Pradip
; APPLICANT: Huang, Yung-Sheng
; APPLICANT: Pereira, Suzette L.
; TITLE OF INVENTION: DESATURASE GENES, ENZYMES ENCODED
; THEREBY, AND USES THEREOF

; FILE REFERENCE: 6884.US.O1
; CURRENT APPLICATION NUMBER: PCT/US03/01698
; CURRENT FILING DATE: 2003-01-30
; NUMBER OF SEQ ID NOS: 60
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 19
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Reverse Primer R01186
PCT-US03-01698-19

Query Match          4.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.8e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 949 GCAAGAGAGGCCAAATTGAC 968
Db 20 GCACGATGACCCACTTTGAC 1

RESULT 685
PCT-US03-25389-510
; Sequence 510, Application PC/TUS0325389
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corporation
; APPLICANT: Ross, Stuart A
; TITLE OF INVENTION: Antisense Modulation Of Acyl-CoA Synthetase 1 Expression
; FILE REFERENCE: 01294/1/PCT
; CURRENT APPLICATION NUMBER: PCT/US03/25389
; CURRENT FILING DATE: 2003-08-14
; PRIOR APPLICATION NUMBER: 60/403,591
; PRIOR FILING DATE: 2002-08-14
; NUMBER OF SEQ ID NOS: 3624
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 510
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: human ACS-1 antisense
PCT-US03-25389-510

Query Match          4.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.8e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 869 GGAACACTTCTCTGAGATGC 888
Db 1 GTAACCTTTCTTTGAAATGC 20

RESULT 686
PCT-US03-30374-775
; Sequence 775, Application PC/TUS0330374
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/PCT
; CURRENT APPLICATION NUMBER: PCT/US03/30374
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 775
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:

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; OTHER INFORMATION: Human Gfat antisense
PCT-US03-30374-775

Query Match          4.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.8e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 764 GGCCTCCACTTCTCAGGGCA 783
DB 1 GGCCTCCGTCCTCAGGGCA 20

RESULT 687
PCT-US03-37383-334/c
; Sequence 334, Application PC/TUS0337383
; GENERAL INFORMATION:
; APPLICANT: ISIS Pharmaceuticals, Inc.
; APPLICANT: Ward, Donna T.
; APPLICANT: Marcussen, Eric G.
; APPLICANT: Freier, Susan M.
; APPLICANT: Dobie, Kenneth W.
; TITLE OF INVENTION: MODULATION OF HYPOXIA-INDUCIBLE FACTOR 1 ALPHA EXPRESSION
; FILE REFERENCE: ISPT-1009
; CURRENT APPLICATION NUMBER: PCT/US03/37383
; CURRENT FILING DATE: 2003-11-21
; PRIOR APPLICATION NUMBER: US 10/304,126
; PRIOR FILING DATE: 2002-11-23
; NUMBER OF SEQ ID NOS: 454
; SOFTWARE: Patent in version 3.2
; SEQ ID NO 334
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Chimeric Oligonucleotide
PCT-US03-37383-334

Query Match          4.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.8e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 713 CCCAGGAGAGTGACTCTGT 732
DB 20 CCCAGAAAGTGACTCTGT 1

RESULT 688
PCT-US03-37383-440
; Sequence 440, Application PC/TUS0337383
; GENERAL INFORMATION:
; APPLICANT: ISIS Pharmaceuticals, Inc.
; APPLICANT: Ward, Donna T.
; APPLICANT: Marcussen, Eric G.
; APPLICANT: Freier, Susan M.
; APPLICANT: Dobie, Kenneth W.
; TITLE OF INVENTION: MODULATION OF HYPOXIA-INDUCIBLE FACTOR 1 ALPHA EXPRESSION
; FILE REFERENCE: ISPT-1009
; CURRENT APPLICATION NUMBER: PCT/US03/37383
; CURRENT FILING DATE: 2003-11-21
; PRIOR APPLICATION NUMBER: US 10/304,126
; PRIOR FILING DATE: 2002-11-23
; NUMBER OF SEQ ID NOS: 454
; SOFTWARE: Patent in version 3.2
; SEQ ID NO 440
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Mus musculus
PCT-US03-37383-440

Query Match          4.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.8e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 711 GTCCAGGAGAGTGACTCTG 730
DB 20 GTCCAGGTGAGTGCAATG 1

RESULT 690
PCT-US95-15536A-67
; Sequence 67, Application PC/TUS9515536A
; GENERAL INFORMATION:
; APPLICANT: Bennett and Stepkowski
; TITLE OF INVENTION: Compositions and Methods for
; TITLE OF INVENTION: Preventing and Treating Allograft
; TITLE OF INVENTION: Rejection
; NUMBER OF SEQUENCES: 100
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodland Falls Corporate Park
; STREET: 210 Lake Drive East, Suite 201
; CITY: Cherry Hill
; STATE: NJ
; COUNTRY: USA
; ZIP: 08002
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/15536A
; FILING DATE: November 22, 1995
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/063,167
; FILING DATE: 5/17/93
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/007,997
; FILING DATE: 1/21/93
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/939,855
; FILING DATE: 9/2/92
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/567,286
; FILING DATE: 8/14/90
```

ATTORNEY/AGENT INFORMATION:
 NAME: Jane Massey Licata
 REGISTRATION NUMBER: 32,257
 REFERENCE/DOCKET NUMBER: ISPH-0143
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (609) 779-2400
 TELEFAX: (609) 779-8488
 INFORMATION FOR SEQ ID NO: 67:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 20
 TYPE: Nucleic Acid
 STRANDEDNESS: Single
 TOPOLOGY: Linear
 ANTI-SENSE: Yes
 PCT-US95-15536A-67

Query Match 4.7%; Score 13.6; DB 1; Length 20;
 Best Local Similarity 80.0%; Pred. No. 4.8e+02;
 Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 825 CTGTGTCCTCTTTCTCTCT 844
 Db 1 CTGTGTCCTCTCTCTCGCT 20

RESULT 691
 PCT-US99-11548-67
 Sequence 67, Application PC/TUS9911548
 GENERAL INFORMATION:
 APPLICANT: C. Frank Bennett, Christopher K. Mirabelli,
 APPLICANT: Brenda Baker
 TITLE OF INVENTION: Antisense Modulation of Cellular
 NUMBER OF SEQUENCES: 109
 CORRESPONDENCE ADDRESS:
 ADDRESS: Law Offices of Jane Massey Licata
 STREET: 66 East Main Street
 CITY: Marlton
 STATE: NJ
 COUNTRY: USA
 ZIP: 08053

COMPUTER READABLE FORM:
 MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 COMPUTER: IBM COMPATIBLE
 OPERATING SYSTEM: WINDOWS 95
 SOFTWARE: WORDPERFECT 6.1 FOR WINDOWS
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: PCT/US99/11548
 FILING DATE: herewith

CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 09/085,759
 FILING DATE: May 27, 1998
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/440,740
 FILING DATE: May 12, 1995
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 063,167
 FILING DATE: May 17, 1993
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 969,151
 FILING DATE: February 10, 1993
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 007,997
 FILING DATE: January 20, 1993
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 939,855
 FILING DATE: September 2, 1992
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 567,286
 FILING DATE: August 14, 1990
 ATTORNEY/AGENT INFORMATION:
 NAME: Jane Massey Licata

REGISTRATION NUMBER: 32,257
 REFERENCE/DOCKET NUMBER: ISPH-0367
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (609) 810-1515
 TELEFAX: (609) 810-1454
 INFORMATION FOR SEQ ID NO: 67:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 20
 TYPE: Nucleic Acid
 STRANDEDNESS: Single
 TOPOLOGY: Linear
 ANTI-SENSE: Yes
 PCT-US99-11548-67

Query Match 4.7%; Score 13.6; DB 1; Length 20;
 Best Local Similarity 80.0%; Pred. No. 4.8e+02;
 Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 825 CTGTGTCCTCTTTCTCTCT 844
 Db 1 CTGTGTCCTCTCTCTCGCT 20

RESULT 692
 PCT-US99-23171-239/c
 Sequence 239, Application PC/TUS9923171
 GENERAL INFORMATION:
 APPLICANT: Baker, Brenda F.
 APPLICANT: Cowsett, Lex M.
 APPLICANT: Monia, Brett P.
 APPLICANT: Xu, Xiaoxing S.
 APPLICANT: Isis Pharmaceuticals, Inc.
 TITLE OF INVENTION: ANTISENSE MODULATION OF EXPRESSION OF TUMOR NECROSIS FACTOR RECEPTOR
 FILE REFERENCE: ISPH-0411
 CURRENT APPLICATION NUMBER: PCT/US99/23171
 CURRENT FILING DATE: 1999-10-05
 NUMBER OF SEQ ID NOS: 268
 SEQ ID NO 239
 LENGTH: 20
 TYPE: DNA
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: antisense sequence
 PCT-US99-23171-239

Query Match 4.7%; Score 13.6; DB 1; Length 20;
 Best Local Similarity 80.0%; Pred. No. 4.8e+02;
 Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 800 GAGCTCTCTCCAACTCAGG 819
 Db 20 GAGATGGCTCCAGCTCAGG 1

RESULT 693
 US-08-331-510A-27/c
 Sequence 27, Application US/08331510A
 GENERAL INFORMATION:
 APPLICANT: YAMAMOTO, Kazuhiko
 APPLICANT: MIZUSHIMA, Yutaka
 APPLICANT: NISHIOKA, Kusunoki
 APPLICANT: SAKODA, Hiroko
 APPLICANT: IKEDA, Yoko
 TITLE OF INVENTION: METHOD FOR DETECTING EXPRESSION OF T
 TITLE OF INVENTION: CELL RECEPTOR GENES
 NUMBER OF SEQUENCES: 37
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: LORUSSO & LOUD
 STREET: 745 South 23rd Street, Suite 301
 CITY: Arlington
 STATE: Virginia
 COUNTRY: USA

ZIP: 22202
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/331,510A
FILING DATE: 20-OCT-1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/JP93/00577
FILING DATE: 30-APR-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP 4-111467
FILING DATE: 30-APR-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP 4-205054
FILING DATE: 31-JUL-1992
ATTORNEY/AGENT INFORMATION:
NAME: LOUD, George A.
REGISTRATION NUMBER: 25,814
REFERENCE/DOCKET NUMBER: ASA-B121
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 892-8882
TELEFAX: (703) 892-8884
INFORMATION FOR SEQ ID NO: 27:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-08-331-510A-27

Query Match 4.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.8e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 957 AGCCAAATTGACTCTCTCAA 976
Db 20 AGCCAACTTCCCTCTCCAAA 1

RESULT 694
US-08-832-633-11/C
Sequence 11, Application US/08832633
GENERAL INFORMATION:
APPLICANT: McCarthy, Sean
TITLE OF INVENTION: NOVEL HUMAN DELTA3 COMPOSITIONS AND
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/832,633
FILING DATE: 04-APR-1997
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: Arnold, Beth E.

REGISTRATION NUMBER: 35,430
REFERENCE/DOCKET NUMBER: MAA-003.01
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-832-1000
TELEFAX: 617-832-7000
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "oligonucleotide"
US-08-832-633-11

Query Match 4.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.8e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 948 CGCAAGAGAGCCAAATTGA 967
Db 20 CGCAAGAGAGCCAAATTGA 1

RESULT 695
US-08-982-845-67
Sequence 67, Application US/08982845
GENERAL INFORMATION:
APPLICANT: Bennett and Mirabelli
TITLE OF INVENTION: Oligonucleotide Modulation
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/982,845
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/440,740
FILING DATE: May 12, 1995
APPLICATION NUMBER: 063,167
FILING DATE: May 17, 1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 969,151
FILING DATE: February 10, 1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 007,997
FILING DATE: January 20, 1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 939,855
FILING DATE: September 2, 1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 567,286
FILING DATE: August 14, 1990
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0133
TELECOMMUNICATION INFORMATION:
TELEPHONE: (609) 779-2400
TELEFAX: (609) 779-8488
INFORMATION FOR SEQ ID NO: 67:

COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/982,845
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/440,740
FILING DATE: May 12, 1995
APPLICATION NUMBER: 063,167
FILING DATE: May 17, 1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 969,151
FILING DATE: February 10, 1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 007,997
FILING DATE: January 20, 1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 939,855
FILING DATE: September 2, 1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 567,286
FILING DATE: August 14, 1990
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0133
TELECOMMUNICATION INFORMATION:
TELEPHONE: (609) 779-2400
TELEFAX: (609) 779-8488
INFORMATION FOR SEQ ID NO: 67:

SEQUENCE CHARACTERISTICS:

LENGTH: 20
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-08-982-845-67

Query Match 4.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.8e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 825 CTGTGTCCTCTTTCTCTCT 844
Db 1 CTGTGTCCTCTCTCCGCT 20

RESULT 696

US-08-991-525-67

; Sequence 67, Application US/08991525
; GENERAL INFORMATION:
; APPLICANT: Bennett and Mirabelli
; TITLE OF INVENTION: Oligonucleotide Modulation
; TITLE OF INVENTION: of Cell Adhesion
; NUMBER OF SEQUENCES: 85
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: USA
; ZIP: 08053

; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE

COMPUTER: IBM PS/2

OPERATING SYSTEM: PC-DOS

SOFTWARE: WORDPERFECT 5.0

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/991,525

FILING DATE:

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/440,740

FILING DATE: May 12, 1995

APPLICATION NUMBER: 063,167

FILING DATE: May 17, 1993

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 969,151

FILING DATE: February 10, 1993

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 007,997

FILING DATE: January 20, 1993

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 939,855

FILING DATE: September 2, 1992

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 567,286

FILING DATE: August 14, 1990

ATTORNEY/AGENT INFORMATION:

NAME: Jane Massey Licata

REGISTRATION NUMBER: 32,257

REFERENCE/DOCKET NUMBER: ISPH-0133

TELECOMMUNICATION INFORMATION:

TELEPHONE: (609) 779-2400

TELEFAX: (609) 779-8488

INFORMATION FOR SEQ ID NO: 67:

SEQUENCE CHARACTERISTICS:

LENGTH: 20

TYPE: Nucleic Acid

STRANDEDNESS: Single

TOPOLOGY: Linear

ANTI-SENSE: Yes

US-08-991-525-67

Query Match 4.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.8e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 825 CTGTGTCCTCTTTCTCTCT 844
Db 1 CTGTGTCCTCTCTCCGCT 20

RESULT 697

US-09-483-673-19/c

; Sequence 19, Application US/09483673
; GENERAL INFORMATION:
; APPLICANT: McCarthy, Sean
; APPLICANT: Gearing, David
; TITLE OF INVENTION: NOVEL HUMAN DELTA3 COMPOSITIONS AND
; TITLE OF INVENTION: THERAPEUTIC USES THEREFOR
; NUMBER OF SEQUENCES: 23
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: FOLEY, HOAG & ELIOT LLP
; STREET: One Post Office Square
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02109-2170

COMPUTER READABLE FORM: disk

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent In Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/483,673

FILING DATE:

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/872,855

FILING DATE:

ATTORNEY/AGENT INFORMATION:

NAME: Arnold, Beth E.

REGISTRATION NUMBER: 35,430

REFERENCE/DOCKET NUMBER: MAA-003.02

TELECOMMUNICATION INFORMATION:

TELEPHONE: 617-832-1000

TELEFAX: 617-832-7000

INFORMATION FOR SEQ ID NO: 19:

SEQUENCE CHARACTERISTICS:

LENGTH: 20 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: other nucleic acid

DESCRIPTION: /desc = "primer"

US-09-483-673-19

Query Match 4.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.8e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 948 CGCAAGACAGACCAATTGA 967
Db 20 CGCAAGACAGACCAATTGA 1

RESULT 698

US-09-483-674-19/c

; Sequence 19, Application US/09483674
; GENERAL INFORMATION:
; APPLICANT: McCarthy, Sean
; APPLICANT: Gearing, David
; TITLE OF INVENTION: NOVEL HUMAN DELTA3 COMPOSITIONS AND
; TITLE OF INVENTION: THERAPEUTIC USES THEREFOR
; NUMBER OF SEQUENCES: 23

; CORRESPONDENCE ADDRESS:
; ADDRESSES: FOLEY, HONG & ELIOT LLP
; STREET: One Post Office Square
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02109-2170
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/483,674
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/872,855
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Arnold, Beth E.
; REGISTRATION NUMBER: 35,430
; REFERENCE/DOCKET NUMBER: MAA-003.02
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-832-1000
; TELEFAX: 617-832-7000
; INFORMATION FOR SEQ ID NO: 19:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "primer"
US-09-483-674-19

Query Match 4.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.8e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 948 CGCAGAGAGCCCAATTGA 967
DB 20 CGCGAACAGAGCCAGATTGA 1

RESULT 699
US-09-548-954A-830
; Sequence 830, Application US/09548954A
; GENERAL INFORMATION:
; APPLICANT: KEITH, TIM
; APPLICANT: LITTLE, RANDALL
; APPLICANT: VAN BERDEWEGH, PAUL
; APPLICANT: DUPUIS, JOSE
; APPLICANT: DEL MASTRO, RICHARD
; APPLICANT: SIMON, JASON
; APPLICANT: ALLEN, KRISTINA
; APPLICANT: PANDIT, SUNIL
; TITLE OF INVENTION: NOVEL HUMAN GENES RELATING TO RESPIRATORY DISEASES AND
; FILE REFERENCE: 2976-4040
; CURRENT APPLICATION NUMBER: US/09/548,954A
; CURRENT FILING DATE: 2000-04-13
; PRIOR APPLICATION NUMBER: 60/129,391
; PRIOR FILING DATE: 1999-04-13
; NUMBER OF SEQ ID NOS: 1282
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 830
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-548-954A-830

Query Match 4.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.8e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 948 CGCAGAGAGCCCAATTGA 967
DB 20 CGCGAACAGAGCCAGATTGA 1

RESULT 699
US-09-548-954A-830
; Sequence 830, Application US/09548954A
; GENERAL INFORMATION:
; APPLICANT: KEITH, TIM
; APPLICANT: LITTLE, RANDALL
; APPLICANT: VAN BERDEWEGH, PAUL
; APPLICANT: DUPUIS, JOSE
; APPLICANT: DEL MASTRO, RICHARD
; APPLICANT: SIMON, JASON
; APPLICANT: ALLEN, KRISTINA
; APPLICANT: PANDIT, SUNIL
; TITLE OF INVENTION: NOVEL HUMAN GENES RELATING TO RESPIRATORY DISEASES AND
; FILE REFERENCE: 2976-4040
; CURRENT APPLICATION NUMBER: US/09/548,954A
; CURRENT FILING DATE: 2000-04-13
; PRIOR APPLICATION NUMBER: 60/129,391
; PRIOR FILING DATE: 1999-04-13
; NUMBER OF SEQ ID NOS: 1282
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 830
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-548-954A-830

Query Match 4.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.8e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 948 CGCAGAGAGCCCAATTGA 967
DB 20 CGCGAACAGAGCCAGATTGA 1

RESULT 699
US-09-548-954A-830
; Sequence 830, Application US/09548954A
; GENERAL INFORMATION:
; APPLICANT: KEITH, TIM
; APPLICANT: LITTLE, RANDALL
; APPLICANT: VAN BERDEWEGH, PAUL
; APPLICANT: DUPUIS, JOSE
; APPLICANT: DEL MASTRO, RICHARD
; APPLICANT: SIMON, JASON
; APPLICANT: ALLEN, KRISTINA
; APPLICANT: PANDIT, SUNIL
; TITLE OF INVENTION: NOVEL HUMAN GENES RELATING TO RESPIRATORY DISEASES AND
; FILE REFERENCE: 2976-4040
; CURRENT APPLICATION NUMBER: US/09/548,954A
; CURRENT FILING DATE: 2000-04-13
; PRIOR APPLICATION NUMBER: 60/129,391
; PRIOR FILING DATE: 1999-04-13
; NUMBER OF SEQ ID NOS: 1282
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 830
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-548-954A-830

Query Match 4.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.8e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 948 CGCAGAGAGCCCAATTGA 967
DB 20 CGCGAACAGAGCCAGATTGA 1

RESULT 699
US-09-548-954A-830
; Sequence 830, Application US/09548954A
; GENERAL INFORMATION:
; APPLICANT: KEITH, TIM
; APPLICANT: LITTLE, RANDALL
; APPLICANT: VAN BERDEWEGH, PAUL
; APPLICANT: DUPUIS, JOSE
; APPLICANT: DEL MASTRO, RICHARD
; APPLICANT: SIMON, JASON
; APPLICANT: ALLEN, KRISTINA
; APPLICANT: PANDIT, SUNIL
; TITLE OF INVENTION: NOVEL HUMAN GENES RELATING TO RESPIRATORY DISEASES AND
; FILE REFERENCE: 2976-4040
; CURRENT APPLICATION NUMBER: US/09/548,954A
; CURRENT FILING DATE: 2000-04-13
; PRIOR APPLICATION NUMBER: 60/129,391
; PRIOR FILING DATE: 1999-04-13
; NUMBER OF SEQ ID NOS: 1282
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 830
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-548-954A-830

Query Match 4.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.8e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 948 CGCAGAGAGCCCAATTGA 967
DB 20 CGCGAACAGAGCCAGATTGA 1

RESULT 699
US-09-548-954A-830
; Sequence 830, Application US/09548954A
; GENERAL INFORMATION:
; APPLICANT: KEITH, TIM
; APPLICANT: LITTLE, RANDALL
; APPLICANT: VAN BERDEWEGH, PAUL
; APPLICANT: DUPUIS, JOSE
; APPLICANT: DEL MASTRO, RICHARD
; APPLICANT: SIMON, JASON
; APPLICANT: ALLEN, KRISTINA
; APPLICANT: PANDIT, SUNIL
; TITLE OF INVENTION: NOVEL HUMAN GENES RELATING TO RESPIRATORY DISEASES AND
; FILE REFERENCE: 2976-4040
; CURRENT APPLICATION NUMBER: US/09/548,954A
; CURRENT FILING DATE: 2000-04-13
; PRIOR APPLICATION NUMBER: 60/129,391
; PRIOR FILING DATE: 1999-04-13
; NUMBER OF SEQ ID NOS: 1282
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 830
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-548-954A-830

Query Match 4.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.8e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 948 CGCAGAGAGCCCAATTGA 967
DB 20 CGCGAACAGAGCCAGATTGA 1

RESULT 699
US-09-548-954A-830
; Sequence 830, Application US/09548954A
; GENERAL INFORMATION:
; APPLICANT: KEITH, TIM
; APPLICANT: LITTLE, RANDALL
; APPLICANT: VAN BERDEWEGH, PAUL
; APPLICANT: DUPUIS, JOSE
; APPLICANT: DEL MASTRO, RICHARD
; APPLICANT: SIMON, JASON
; APPLICANT: ALLEN, KRISTINA
; APPLICANT: PANDIT, SUNIL
; TITLE OF INVENTION: NOVEL HUMAN GENES RELATING TO RESPIRATORY DISEASES AND
; FILE REFERENCE: 2976-4040
; CURRENT APPLICATION NUMBER: US/09/548,954A
; CURRENT FILING DATE: 2000-04-13
; PRIOR APPLICATION NUMBER: 60/129,391
; PRIOR FILING DATE: 1999-04-13
; NUMBER OF SEQ ID NOS: 1282
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 830
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-548-954A-830

Query Match 4.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.8e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 948 CGCAGAGAGCCCAATTGA 967
DB 20 CGCGAACAGAGCCAGATTGA 1

RESULT 699
US-09-548-954A-830
; Sequence 830, Application US/09548954A
; GENERAL INFORMATION:
; APPLICANT: KEITH, TIM
; APPLICANT: LITTLE, RANDALL
; APPLICANT: VAN BERDEWEGH, PAUL
; APPLICANT: DUPUIS, JOSE
; APPLICANT: DEL MASTRO, RICHARD
; APPLICANT: SIMON, JASON
; APPLICANT: ALLEN, KRISTINA
; APPLICANT: PANDIT, SUNIL
; TITLE OF INVENTION: NOVEL HUMAN GENES RELATING TO RESPIRATORY DISEASES AND
; FILE REFERENCE: 2976-4040
; CURRENT APPLICATION NUMBER: US/09/548,954A
; CURRENT FILING DATE: 2000-04-13
; PRIOR APPLICATION NUMBER: 60/129,391
; PRIOR FILING DATE: 1999-04-13
; NUMBER OF SEQ ID NOS: 1282
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 830
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-548-954A-830

Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 948 CGCAGAGAGAGCCAAATGA 967
Db 20 CGCAGAGAGAGCCAAATGA 1

RESULT 702
US-09-676-380A-12/c
; Sequence 12, Application US/09676380A
; GENERAL INFORMATION:
; APPLICANT: Mahlie, Nita Reiter, Jill Baron, Andre
; TITLE OF INVENTION: SOLUBLE EPIDERMAL GROWTH FACTOR RECEPTOR-LIKE PROTEINS AND THEIR
; FILE OF INVENTION: CANCER DETECTION METHODS
; FILE REFERENCE: TBIG
; CURRENT APPLICATION NUMBER: US/09/676,380A
; CURRENT FILING DATE: 2000-09-29
; NUMBER OF SEQ ID NOS: 20
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 12
; LENGTH: 20
; TYPE: DNA
; ORGANISM: synthetic
US-09-676-380A-12

Query Match 4.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.8e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 705 CAGCGAGTCCCGAGGAGG 724
Db 20 CAGCGTGTCCCGAGGAGG 1

RESULT 703
US-09-703-708-11146
; Sequence 11146, Application US/09703708
; GENERAL INFORMATION:
; APPLICANT: Bower, Stanley G.
; APPLICANT: Hinkle, Gregory J.
; TITLE OF INVENTION: Xanthomonas campestris Genome Sequences and Uses Thereof
; FILE REFERENCE: 38-10(15804)C
; CURRENT APPLICATION NUMBER: US/09/703,708
; CURRENT FILING DATE: 2000-11-02
; PRIOR APPLICATION NUMBER: US 60/164,320
; PRIOR FILING DATE: 1999-11-10
; PRIOR APPLICATION NUMBER: US 60/183,791
; PRIOR FILING DATE: 2000-02-22
; NUMBER OF SEQ ID NOS: 18992
; SEQ ID NO 11146
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Xanthomonas campestris
US-09-703-708-11146

Query Match 4.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.8e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 945 TTACGCAAGAGAGCCAAAT 964
Db 1 TAACGCATGGAAGCCAAAT 20

RESULT 704
US-09-865-866-22
; Sequence 22, Application US/09865866
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP IIA (SYNOVIAL) EX
; FILE REFERENCE: RTS-0221
; CURRENT APPLICATION NUMBER: US/09/865,866

CURRENT FILING DATE: 2001-05-25
; NUMBER OF SEQ ID NOS: 173
; SEQ ID NO 22
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-865-866-22

Query Match 4.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.8e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 831 CTCCTTTCTCTCTGAAGAC 850
Db 1 CTCCTTACCTCTCAGAGGAC 20

RESULT 705
US-09-924-125-6
; Sequence 6, Application US/09924125
; GENERAL INFORMATION:
; APPLICANT: Communi, Didier
; TITLE OF INVENTION: THE NATURAL LIGAND FOR ORPHAN G PROTEIN COUPLED RECEPTOR GPR86 ANI
; FILE REFERENCE: 9049/2092
; CURRENT APPLICATION NUMBER: US/09/924,125
; CURRENT FILING DATE: 2001-07-08
; PRIOR APPLICATION NUMBER: US 09/924,125
; PRIOR FILING DATE: 2001-07-08
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 6
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: primer
; LOCATION: (1)-(20)
; OTHER INFORMATION: GPR86 sense primer
US-09-924-125-6

Query Match 4.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.8e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 826 TGTGTCCTTTCTCTCTG 845
Db 1 TGTGTCCTTTCTCTCGTG 20

RESULT 706
US-09-982-262B-67
; Sequence 67, Application US/09982262B
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Christopher K. Mirabelli
; TITLE OF INVENTION: OLIGONUCLEOTIDE MODULATION OF CELL ADHESION
; FILE REFERENCE: ISPH-0612
; CURRENT APPLICATION NUMBER: US/09/982,262B
; CURRENT FILING DATE: 2001-10-18
; PRIOR APPLICATION NUMBER: 09/659,288
; PRIOR FILING DATE: 2000-09-12
; PRIOR APPLICATION NUMBER: 09/128,496
; PRIOR FILING DATE: 1998-08-03
; PRIOR APPLICATION NUMBER: 08/440,740
; PRIOR FILING DATE: 1995-05-12
; PRIOR APPLICATION NUMBER: 08/063,167
; PRIOR FILING DATE: 1993-05-17
; PRIOR APPLICATION NUMBER: 07/969,151
; PRIOR FILING DATE: 1993-02-10
; PRIOR APPLICATION NUMBER: 08/007,997


```
; PRIOR FILING DATE: 1993-01-21
; NUMBER OF SEQ ID NOS: 86
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 67
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-982-262B-67

Query Match          4.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.8e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 825 CTGTGTCCTCTTTCTCTCT 844
Db 1 CTGTGTCCTCTCTCTCGCT 20

RESULT 707
US-09-982-262C-67
; Sequence 67, Application US/09982262C
; GENERAL INFORMATION:
; APPLICANT: Bennett, C. Frank
; APPLICANT: Mirabelli, Christopher K.
; TITLE OF INVENTION: OLIGONUCLEOTIDE MODULATION OF CELL ADHESION
; FILE REFERENCE: ISPH-0612
; CURRENT APPLICATION NUMBER: US/09/982,262C
; CURRENT FILING DATE: 2001-10-18
; PRIOR APPLICATION NUMBER: US 08/007,997
; PRIOR FILING DATE: 1993-01-21
; PRIOR APPLICATION NUMBER: US 07/969,151
; PRIOR FILING DATE: 1993-02-10
; PRIOR APPLICATION NUMBER: US 08/063,167
; PRIOR FILING DATE: 1993-05-17
; PRIOR APPLICATION NUMBER: US 08/440,740
; PRIOR FILING DATE: 1995-05-12
; PRIOR APPLICATION NUMBER: US 09/128,496
; PRIOR FILING DATE: 1998-08-03
; PRIOR APPLICATION NUMBER: US 09/659,288
; PRIOR FILING DATE: 2000-09-12
; NUMBER OF SEQ ID NOS: 92
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 67
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense oligonucleotide
US-09-982-262C-67

Query Match          4.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.8e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 825 CTGTGTCCTCTTTCTCTCT 844
Db 1 CTGTGTCCTCTCTCTCGCT 20

RESULT 708
US-10-060-793-19/c
; Sequence 19, Application US/10060793
; GENERAL INFORMATION:
; APPLICANT: Abbott Laboratories
; APPLICANT: Mukerji, Pradip
; APPLICANT: Huang, Yung-Sheng
; APPLICANT: Pereira, Suzette L.
; TITLE OF INVENTION: DESATURASE GENES, ENZYMES ENCODED
; TITLE OF INVENTION: THEREBY, AND USES THEREOF
; FILE REFERENCE: 6884.US.01
; CURRENT APPLICATION NUMBER: US/10/060,793
; CURRENT FILING DATE: 2002-06-24
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; NUMBER OF SEQ ID NOS: 60
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 19
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Reverse Primer R01186
US-10-060-793-19

Query Match          4.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.8e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 949 GCAAGAAGAGCCAAATTGAC 968
Db 20 GCACGATGAGCCACTTTGAC 1

RESULT 709
US-10-131-831-9079
; Sequence 9079, Application US/10131831
; GENERAL INFORMATION:
; APPLICANT: Wohlgemuth, Jay
; APPLICANT: Fry, Kirk
; APPLICANT: Woodward, Robert
; APPLICANT: Ly, Ngoc
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR DIAGNOSING AND MONITORING
; FILE REFERENCE: 506612000121
; CURRENT APPLICATION NUMBER: US/10/131,831
; CURRENT FILING DATE: 2002-08-05
; PRIOR APPLICATION NUMBER: US 10/006,290
; PRIOR FILING DATE: 2001-10-22
; PRIOR APPLICATION NUMBER: US 60/296,764
; PRIOR FILING DATE: 2001-06-08
; NUMBER OF SEQ ID NOS: 9190
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 9079
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-131-831-9079

Query Match          4.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.8e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 845 GAAGACAGCGTCTCGGTCC 864
Db 1 GAAGACAGCGCCATTGTTC 20

RESULT 710
US-10-159-856-77/c
; Sequence 77, Application US/10159856
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF G PROTEIN-COUPLED RECEPTOR KINASE 6 EXPRES
; FILE REFERENCE: R1S-0365
; CURRENT APPLICATION NUMBER: US/10/159,856
; CURRENT FILING DATE: 2002-05-31
; NUMBER OF SEQ ID NOS: 134
; SEQ ID NO 77
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-159-856-77
```

```
Query Match          4.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.8e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 787 CCTCTGGTCCCAAGAGCTCT 806
    ||||| ||| |||||
DB 20 CCTCTGGGCCCAAGAGCTGT 1

RESULT 711
US-10-159-856-127
; Sequence 127, Application US/10159856
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Kenneth W. Doble
; TITLE OF INVENTION: ANTISENSE MODULATION OF G PROTEIN-COUPLED RECEPTOR KINASE 6 EXPRESSION
; FILE REFERENCE: RTS-0365
; CURRENT APPLICATION NUMBER: US/10/159,856
; CURRENT FILING DATE: 2002-05-31
; NUMBER OF SEQ ID NOS: 134
; SEQ ID NO 127
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-159-856-127

Query Match          4.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.8e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 787 CCTCTGGTCCCAAGAGCTCT 806
    ||||| ||| |||||
DB 1 CCTCTGGGCCCAAGAGCTGT 20

RESULT 712
US-10-174-014-45
; Sequence 45, Application US/10174014
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; APPLICANT: Kenneth W. Doble
; TITLE OF INVENTION: ANTISENSE MODULATION OF SMRT EXPRESSION
; FILE REFERENCE: PTS-0012
; CURRENT APPLICATION NUMBER: US/10/174,014
; CURRENT FILING DATE: 2002-06-17
; NUMBER OF SEQ ID NOS: 73
; SEQ ID NO 45
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-174-014-45

Query Match          4.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.8e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 765 GCCTCCACTTCTGAGGCGAG 784
    ||||| ||| |||||
DB 1 GCCTTCTCTGCTGAGGCGAG 20

RESULT 713
US-10-174-014-68/c
; Sequence 68, Application US/10174014
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; APPLICANT: Kenneth W. Doble
```

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; TITLE OF INVENTION: ANTISENSE MODULATION OF SMRT EXPRESSION
; FILE REFERENCE: PTS-0012
; CURRENT APPLICATION NUMBER: US/10/174,014
; CURRENT FILING DATE: 2002-06-17
; NUMBER OF SEQ ID NOS: 73
; SEQ ID NO 68
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-174-014-68

Query Match          4.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.8e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 765 GCCTCCACTTCTGAGGCGAG 784
    ||||| ||| |||||
DB 20 GCCTTCTCTGCTGAGGCGAG 1

RESULT 714
US-10-181-542-65
; Sequence 65, Application US/10181542
; GENERAL INFORMATION:
; APPLICANT: Isis Pharmaceuticals, Inc.
; APPLICANT: Robert McKay
; APPLICANT: Madeline M. Butler
; APPLICANT: Jacqueline Wyatt
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF PEPC-K-CYTOSOLIC EXPRESSION
; FILE REFERENCE: RTPSP-0090
; CURRENT APPLICATION NUMBER: US/10/181,542
; CURRENT FILING DATE: 2002-07-18
; PRIOR APPLICATION NUMBER: 09/488,671
; PRIOR FILING DATE: 2000-01-19
; NUMBER OF SEQ ID NOS: 177
; SEQ ID NO 65
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-181-542-65

Query Match          4.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.8e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 865 AGTTGGAACACTTCTCTGAG 884
    ||||| ||| |||||
DB 1 AATGGGAACACTTCTCGGAG 20

RESULT 715
US-10-266-090-40074
; Sequence 40074, Application US/10266090
; GENERAL INFORMATION:
; APPLICANT: GOFF, STEPHEN
; APPLICANT: BONAN, CAROLINE
; APPLICANT: COLBERT, MICHELLE
; APPLICANT: WANG RONG-LIN
; TITLE OF INVENTION: CEREBAL TRINUCLEOTIDE SIMPLE SEQUENCE
; FILE REFERENCE: NADII.058C1
; CURRENT APPLICATION NUMBER: US/10/266,090
; CURRENT FILING DATE: 2002-10-03
; PRIOR APPLICATION NUMBER: US 10/260,703
; PRIOR FILING DATE: 2002-09-26
; PRIOR APPLICATION NUMBER: US 60/326,117
; PRIOR FILING DATE: 2001-09-26
; NUMBER OF SEQ ID NOS: 51812
; SOFTWARE: FastSeq for Windows Version 4.0
```

```
; SEQ ID NO 40074
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR PRIMER FOR SEQUENCE FROM ORYZA SATIVA
US-10-266-090-40074

Query Match          4.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.8e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 917 TATCATCACCACCCCTCC 936
Db 1 TTTAAGCACCACCATCC 20

RESULT 716
US-10-266-090-46300
; Sequence 46300, Application US/10266090
; GENERAL INFORMATION:
; APPLICANT: GOFF, STEPHEN
; APPLICANT: BONAN, CAROLINE
; APPLICANT: COLBERT, MICHELLE
; APPLICANT: WANG, RONG-LIN
; TITLE OF INVENTION: CEREAL TRINUCLEOTIDE SIMPLE SEQUENCE
; FILE REFERENCE: NADII.058C1
; CURRENT APPLICATION NUMBER: US 10/266,090
; PRIOR APPLICATION NUMBER: 2002-10-03
; PRIOR FILING DATE: 2002-09-26
; PRIOR FILING DATE: 2002-09-26
; PRIOR FILING DATE: 2001-09-26
; NUMBER OF SEQ ID NOS: 51812
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 46300
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR PRIMER FOR SEQUENCE FROM ORYZA SATIVA
US-10-266-090-46300

Query Match          4.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.8e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 729 TGTCTAGGACTTGGTAGG 748
Db 1 TTGCCATAGAACTGGGAGG 20

RESULT 717
US-10-266-090-51476
; Sequence 51476, Application US/10266090
; GENERAL INFORMATION:
; APPLICANT: GOFF, STEPHEN
; APPLICANT: BONAN, CAROLINE
; APPLICANT: COLBERT, MICHELLE
; APPLICANT: WANG, RONG-LIN
; TITLE OF INVENTION: CEREAL TRINUCLEOTIDE SIMPLE SEQUENCE
; FILE REFERENCE: NADII.058C1
; CURRENT APPLICATION NUMBER: US 10/266,090
; PRIOR APPLICATION NUMBER: US 10/260,703
; PRIOR FILING DATE: 2002-09-26
; PRIOR APPLICATION NUMBER: US 60/326,117
; PRIOR FILING DATE: 2001-09-26
; NUMBER OF SEQ ID NOS: 51812
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 51476
```

```
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR PRIMER FOR SEQUENCE FROM ORYZA SATIVA
US-10-266-090-51476

Query Match          4.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.8e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 913 AGATTATCATCACCACCC 932
Db 1 AGCGTATGATCATCCTCCACC 20

RESULT 718
US-10-289-762-1418
; Sequence 1418, Application US/10289762
; GENERAL INFORMATION:
; APPLICANT: Griffais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments thereof and uses thereof, in particular for the diagnosis, prevention of infection and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/10/289,762
; CURRENT FILING DATE: 2003-03-27
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 1418
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
; US-10-289-762-1418

Query Match          4.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.8e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 740 CTTGTAGGCTCCAGGCTC 759
Db 1 CTTGTAGGCTGTAGAGTC 20

RESULT 719
US-10-289-762-6553/c
; Sequence 6553, Application US/10289762
; GENERAL INFORMATION:
; APPLICANT: Griffais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments thereof and uses thereof, in particular for the diagnosis, prevention of infection and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/10/289,762
; CURRENT FILING DATE: 2003-03-27
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 6553
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
; US-10-289-762-6553

Query Match          4.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.8e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 954 AAGAGCCAAATTGACTCTCT 973
Db 20 AGGAGCCACAGGACTCTCT 1

RESULT 720
US-10-293-338-7447/c
; Sequence 7447, Application US/10293338
```

```
/ GENERAL INFORMATION:
/ APPLICANT: RosettaGenomics LTD
/ TITLE OF INVENTION: BIOINFORMATICAALLY DETECTABLE GROUP OF NOVEL REGULATORY GENES AND
/ TITLE OF INVENTION: THEREOF
/ FILE REFERENCE: 45282
/ CURRENT APPLICATION NUMBER: US/10/293,338
/ CURRENT FILING DATE: 2002-11-14
/ NUMBER OF SEQ ID NOS: 8785
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 7447
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-293-338-7447

Query Match      4.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.8e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      766 CCTCCACTTCTGAGGCGACG 785
Db      20 CCTCCACCTCCAGGTCAGC 1

RESULT 721
US-10-303-326-39/c
/ Sequence 39, Application US/10303326
/ GENERAL INFORMATION:
/ APPLICANT: C. Frank Bennett
/ APPLICANT: Nicholas M. Dean
/ APPLICANT: Kenneth W. Dobie
/ TITLE OF INVENTION: MODULATION OF SELENOPROTEIN W EXPRESSION
/ FILE REFERENCE: HTS-0033
/ CURRENT APPLICATION NUMBER: US/10/303,326
/ CURRENT FILING DATE: 2002-11-21
/ NUMBER OF SEQ ID NOS: 71
/ SEQ ID NO 39
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-10-303-326-39

Query Match      4.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.8e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      841 CTCTGAAGACAGCGTCTCTGG 860
Db      20 CCTGAAGGCGAGGTCCAGG 1

RESULT 722
US-10-303-326-65
/ Sequence 65, Application US/10303326
/ GENERAL INFORMATION:
/ APPLICANT: C. Frank Bennett
/ APPLICANT: Nicholas M. Dean
/ APPLICANT: Kenneth W. Dobie
/ TITLE OF INVENTION: MODULATION OF SELENOPROTEIN W EXPRESSION
/ FILE REFERENCE: HTS-0033
/ CURRENT APPLICATION NUMBER: US/10/303,326
/ CURRENT FILING DATE: 2002-11-21
/ NUMBER OF SEQ ID NOS: 71
/ SEQ ID NO 65
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: H. sapiens
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-10-303-326-65

Query Match      4.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.8e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      841 CTCTGAAGACAGCGTCTCTGG 860
Db      20 CCTGAAGGCGAGGTCCAGG 1

RESULT 723
US-10-303-635-72/c
/ Sequence 72, Application US/10303635
/ GENERAL INFORMATION:
/ APPLICANT: Kenneth W. Dobie
/ TITLE OF INVENTION: MODULATION OF FORKHEAD BOX C2 EXPRESSION
/ FILE REFERENCE: HTS-0418
/ CURRENT APPLICATION NUMBER: US/10/303,635
/ CURRENT FILING DATE: 2002-11-21
/ NUMBER OF SEQ ID NOS: 257
/ SEQ ID NO 72
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-10-303-635-72

Query Match      4.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.8e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      711 GTCCAGGAGAGTGACTCTG 730
Db      20 GTCCAGGTGAGTGGAATG 1

RESULT 724
US-10-304-098-33
/ Sequence 33, Application US/10304098
/ GENERAL INFORMATION:
/ APPLICANT: Kenneth W. Dobie
/ TITLE OF INVENTION: MODULATION OF TISSUE FACTOR EXPRESSION
/ FILE REFERENCE: HTS-0427
/ CURRENT APPLICATION NUMBER: US/10/304,098
/ CURRENT FILING DATE: 2002-11-22
/ NUMBER OF SEQ ID NOS: 145
/ SEQ ID NO 33
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-10-304-098-33

Query Match      4.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.8e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      898 TCAGCTTCTGCGATCAGATT 917
Db      1 TCATCTTCTACGGTCACATT 20

RESULT 725
US-10-308-968-6
/ Sequence 6, Application US/10308968
/ GENERAL INFORMATION:
/ APPLICANT: Euroscreen, s.a.
/ APPLICANT: Communi, Didier
/ APPLICANT: Suarez, Nathalie
/ APPLICANT: Dethoux, Michel
/ APPLICANT: Brezillon, Stephane
/ APPLICANT: Lannoy, Vincent
/ APPLICANT: Parmentier, Marc
```

```
/ GENERAL INFORMATION:
/ APPLICANT: RosettaGenomics LTD
/ TITLE OF INVENTION: BIOINFORMATICAALLY DETECTABLE GROUP OF NOVEL REGULATORY GENES AND
/ TITLE OF INVENTION: THEREOF
/ FILE REFERENCE: 45282
/ CURRENT APPLICATION NUMBER: US/10/293,338
/ CURRENT FILING DATE: 2002-11-14
/ NUMBER OF SEQ ID NOS: 8785
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 7447
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-293-338-7447

Query Match      4.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.8e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      841 CTCTGAAGACAGCGTCTCTGG 860
Db      1 CCTGAAGGCGAGGTCCAGG 20

RESULT 723
US-10-303-635-72/c
/ Sequence 72, Application US/10303635
/ GENERAL INFORMATION:
/ APPLICANT: Kenneth W. Dobie
/ TITLE OF INVENTION: MODULATION OF FORKHEAD BOX C2 EXPRESSION
/ FILE REFERENCE: HTS-0418
/ CURRENT APPLICATION NUMBER: US/10/303,635
/ CURRENT FILING DATE: 2002-11-21
/ NUMBER OF SEQ ID NOS: 257
/ SEQ ID NO 72
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-10-303-635-72

Query Match      4.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.8e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      711 GTCCAGGAGAGTGACTCTG 730
Db      20 GTCCAGGTGAGTGGAATG 1

RESULT 724
US-10-304-098-33
/ Sequence 33, Application US/10304098
/ GENERAL INFORMATION:
/ APPLICANT: Kenneth W. Dobie
/ TITLE OF INVENTION: MODULATION OF TISSUE FACTOR EXPRESSION
/ FILE REFERENCE: HTS-0427
/ CURRENT APPLICATION NUMBER: US/10/304,098
/ CURRENT FILING DATE: 2002-11-22
/ NUMBER OF SEQ ID NOS: 145
/ SEQ ID NO 33
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-10-304-098-33

Query Match      4.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.8e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      898 TCAGCTTCTGCGATCAGATT 917
Db      1 TCATCTTCTACGGTCACATT 20

RESULT 725
US-10-308-968-6
/ Sequence 6, Application US/10308968
/ GENERAL INFORMATION:
/ APPLICANT: Euroscreen, s.a.
/ APPLICANT: Communi, Didier
/ APPLICANT: Suarez, Nathalie
/ APPLICANT: Dethoux, Michel
/ APPLICANT: Brezillon, Stephane
/ APPLICANT: Lannoy, Vincent
/ APPLICANT: Parmentier, Marc
```

APPLICANT: Boeynaems, Jean-Marie
; TITLE OF INVENTION: THE NATURAL LIGAND FOR ORPHAN G PROTEIN COUPLED RECEPTOR GPR86
; FILE REFERENCE: 9049/2095
; CURRENT APPLICATION NUMBER: US/10/308,968
; CURRENT FILING DATE: 2002-12-03
; PRIOR APPLICATION NUMBER: US 09/924,125
; PRIOR FILING DATE: 2001-08-07
; PRIOR APPLICATION NUMBER: PCT/EP02/08761
; PRIOR FILING DATE: 2002-08-06
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: Patent in version 3.2
; SEQ ID NO 6
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: GPR86 sense primer
US-10-308-968-6

Query Match 4.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.8e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 826 TGTGTCCTCTTTCTCTCTG 845
| | | | | | | | | | | | | | | | | | | | | |
DB 1 TGTGTCGTTTCTCTCGTG 20

RESULT 726
US-10-188-34713/c
; Sequence 34713, Application US/10310188
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENE
; FILE REFERENCE: 47487
; CURRENT APPLICATION NUMBER: US/10/310,188
; CURRENT FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 86841
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 34713
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-310-188-34713

Query Match 4.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.8e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 764 GGCCTCCACTTCTGAGGCA 783
| | | | | | | | | | | | | | | | | | | | | |
DB 20 GGCCTTCACCACTAAGGCA 1

RESULT 727
US-10-310-188-35814/c
; Sequence 35814, Application US/10310188
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENE
; FILE REFERENCE: 47487
; CURRENT APPLICATION NUMBER: US/10/310,188
; CURRENT FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 86841
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 35814
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-310-188-35814

Query Match 4.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.8e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 928 CCACCTCCAGAGAAATTTTA 947
| | | | | | | | | | | | | | | | | | | | | |
DB 20 CCACTCTCCACAGCTTTTTA 1

RESULT 728
US-10-325-899-9079
; Sequence 9079, Application US/10325899
; GENERAL INFORMATION:
; APPLICANT: Wohlgemuth, Jay
; APPLICANT: Fry, Kirk
; APPLICANT: Ly, Ngoc
; APPLICANT: Woodward, Robert
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR DIAGNOSING AND MONITORING TRANSPLANT
; TITLE OF INVENTION: REJECTION
; FILE REFERENCE: 506612000122
; CURRENT APPLICATION NUMBER: US/10/325,899
; CURRENT FILING DATE: 2002-12-20
; PRIOR APPLICATION NUMBER: US 60/296,764
; PRIOR FILING DATE: 2001-06-08
; PRIOR APPLICATION NUMBER: US 10/006,290
; PRIOR FILING DATE: 2001-10-22
; PRIOR APPLICATION NUMBER: US 10/131,831
; PRIOR FILING DATE: 2002-04-24
; NUMBER OF SEQ ID NOS: 9966
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 9079
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-325-899-9079

Query Match 4.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.8e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 845 GAAGACAGCGCTCTCGCTCC 864
| | | | | | | | | | | | | | | | | | | | | |
DB 1 GAAGACAGCGCCATTGTTCC 20

RESULT 729
US-10-383-864-120
; Sequence 120, Application US/10383864
; GENERAL INFORMATION:
; APPLICANT: THE JOHNS HOPKINS UNIVERSITY SCHOOL OF MEDICINE
; APPLICANT: SIDRANSKY, David
; TITLE OF INVENTION: GENOMIC SCREEN FOR EPIGENETICALLY SILENCED TUMOR SUPPRESSOR GENES
; FILE REFERENCE: JHU1860-1
; CURRENT APPLICATION NUMBER: US/10/383,864
; CURRENT FILING DATE: 2003-07-25
; PRIOR APPLICATION NUMBER: US 60/362,577
; PRIOR FILING DATE: 2002-03-07
; NUMBER OF SEQ ID NOS: 127
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 120
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Amplification primer
US-10-383-864-120

Query Match 4.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.8e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 959 CCAATTTGACTCTCTTAATC 978
|||||
Db 1 CCAATATACATTCTCTAATC 20

RESULT 730

US-10-417-719-19/c
; Sequence 19, Application US/10417719
; GENERAL INFORMATION:
; APPLICANT: Millennium Pharmaceuticals, Inc
; APPLICANT: McCarthy, Sean
; APPLICANT: Geating, David
; TITLE OF INVENTION: HUMAN DELTA3 AND USES THEREOF
; FILE REFERENCE: MBI01997-002C2M
; CURRENT APPLICATION NUMBER: US/10/417,719
; CURRENT FILING DATE: 2003-04-17
; PRIOR APPLICATION NUMBER: US/09/568,218
; PRIOR FILING DATE: 2000-05-09
; PRIOR APPLICATION NUMBER: 08/872,855
; PRIOR FILING DATE: 1997-06-11
; PRIOR APPLICATION NUMBER: 08/832,633
; PRIOR FILING DATE: 1997-04-04
; NUMBER OF SEQ ID NOS: 52
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 19
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
US-10-417-719-19

Query Match 4.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.8e-02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 948 CGCAGACAGCGCAATTCGA 967
|||||
Db 20 CGCAGACAGCGCAGATTGA 1

RESULT 731

US-10-423-311-14
; Sequence 14, Application US/10423311
; GENERAL INFORMATION:
; APPLICANT: Pereira, Heloise Anne
; APPLICANT: Chodosh, James
; APPLICANT: Callegan, Michelle C.
; TITLE OF INVENTION: TREATMENT AND INHIBITION OF OCULAR INFECTIONS AND WOUNDS BY CAP37 PEPTIDES
; FILE REFERENCE: 6267.002
; CURRENT APPLICATION NUMBER: US/10/423,311
; CURRENT FILING DATE: 2003-04-25
; PRIOR APPLICATION NUMBER: 60/378,295
; PRIOR FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 14
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Completely synthesized
US-10-423-311-14

Query Match 4.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.8e-02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 825 CTGTGTCCTCTTTCTCTCT 844
|||||
Db 1 CTGTGTCCTCTCTCTCCGCT 20

RESULT 732

US-10-434-350-17/c
; Sequence 17, Application US/10434350
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; APPLICANT: Donna T. Ward
; TITLE OF INVENTION: MODULATION OF PAI-1 MRNA-BINDING PROTEIN EXPRESSION
; FILE REFERENCE: HHS-0126
; CURRENT APPLICATION NUMBER: US/10/434,350
; CURRENT FILING DATE: 2003-05-07
; NUMBER OF SEQ ID NOS: 60
; SEQ ID NO 17
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-434-350-17

Query Match 4.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.8e-02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 790 CTGTGCGCAAGACTCTCTCT 809
|||||
Db 20 CTGTGCGCAAGAGCGCAGCT 1

RESULT 733

US-10-454-663-67
; Sequence 67, Application US/10454663
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Christopher K. Mirabelli
; TITLE OF INVENTION: OLIGONUCLEOTIDE MODULATION OF CELL ADHESION
; FILE REFERENCE: ISPH-0744
; CURRENT APPLICATION NUMBER: US/10/454,663
; CURRENT FILING DATE: 2003-06-04
; PRIOR APPLICATION NUMBER: 09/982,262
; PRIOR FILING DATE: 2001-10-18
; PRIOR APPLICATION NUMBER: 09/659,288
; PRIOR FILING DATE: 2000-09-12
; PRIOR APPLICATION NUMBER: 09/128,496
; PRIOR FILING DATE: 1998-08-03
; PRIOR APPLICATION NUMBER: 08/440,740
; PRIOR FILING DATE: 1995-05-12
; PRIOR APPLICATION NUMBER: 08/063,167
; PRIOR FILING DATE: 1993-05-17
; PRIOR APPLICATION NUMBER: 07/969,151
; PRIOR FILING DATE: 1993-02-10
; PRIOR APPLICATION NUMBER: 08/007,997
; PRIOR FILING DATE: 1993-01-21
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 67
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-454-663-67

Query Match 4.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.8e-02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 825 CTGTGTCCTTTCTCTCTCT 844
|||||
Db 1 CTGTGTCCTCTGTCTCCGCT 20

RESULT 734

US-10-671-395-775
; Sequence 775, Application US/10671395

GENERAL INFORMATION:
APPLICANT: Pharmacia Corp.
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
PRIOR APPLICATION NUMBER: 60/413,549
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: Patent in version 3.2
SEQ ID NO 775
LENGTH: 20
TYPE: DNA
ORGANISM: artificial
FEATURE:
OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-775

Query Match 4.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.8e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 764 GGCCTCCACTCTGTAGGGCA 783
DB 1 GGCCTCCGTCTCAGGGCA 20

RESULT 735
US-60-164-320-11146
Sequence 11146, Application US/60164320
GENERAL INFORMATION:
APPLICANT: Bower, Stanley G.
TITLE OF INVENTION: Xanthomonas campestris Genome Sequences and Uses Thereof
FILE REFERENCE: 38-10(15804)A
CURRENT APPLICATION NUMBER: US/60/164,320
CURRENT FILING DATE: 1999-11-10
NUMBER OF SEQ ID NOS: 18992
SEQ ID NO 11146
LENGTH: 20
TYPE: DNA
ORGANISM: Xanthomonas campestris
US-60-164-320-11146

Query Match 4.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.8e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 945 TTACGCAAGAGCCCAAT 964
DB 1 TAACGCATGGAAGCCCAAT 20

RESULT 736
US-60-183-791-11146
Sequence 11146, Application US/60183791
GENERAL INFORMATION:
APPLICANT: Bower, Stanley G.
TITLE OF INVENTION: Xanthomonas campestris Genome Sequences and Uses Thereof
FILE REFERENCE: 38-10(15804)B
CURRENT APPLICATION NUMBER: US/60/183,791
CURRENT FILING DATE: 2000-02-22
NUMBER OF SEQ ID NOS: 18992
SEQ ID NO 11146
LENGTH: 20
TYPE: DNA
ORGANISM: Xanthomonas campestris
US-60-183-791-11146

Query Match 4.7%; Score 13.6; DB 1; Length 20;

Best Local Similarity 80.0%; Pred. No. 4.8e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 945 TTACGCAAGAGCCCAAT 964
DB 1 TAACGCATGGAAGCCCAAT 20

RESULT 737
US-60-446-941-86/c
Sequence 86, Application US/60446941
GENERAL INFORMATION:
APPLICANT: Edgar B. Cahoon
APPLICANT: Howard G. Damude
APPLICANT: William D. Hitz
APPLICANT: Anthony J. Kinney
APPLICANT: Charles W. Kolar
APPLICANT: Zhan Bin Liu
TITLE OF INVENTION: Production of Long Chain Polyunsaturated Fatty Acids in Plants
FILE REFERENCE: B01538 US PRV
CURRENT APPLICATION NUMBER: US/60/446,941
CURRENT FILING DATE: 2003-02-12
NUMBER OF SEQ ID NOS: 98
SOFTWARE: Microsoft Office 97
SEQ ID NO 86
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial
FEATURE:
OTHER INFORMATION: synthetic oligonucleotide
US-60-446-941-86

Query Match 4.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.8e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 949 GCAAGAGAGCCCAATTGAC 968
DB 20 GCACGATGAGCCCAATTGAC 1

RESULT 738
US-10-605-840-2672
Sequence 2672, Application US/10605840
GENERAL INFORMATION:
APPLICANT: ROSETTA GENOMICS LTD
TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VACCINIA REGULATORY
FILE REFERENCE: 55027
CURRENT APPLICATION NUMBER: US/10/605,840
CURRENT FILING DATE: 2003-10-30
NUMBER OF SEQ ID NOS: 3750
SOFTWARE: Patent in version 3.2
SEQ ID NO 2672
LENGTH: 16
TYPE: DNA
ORGANISM: Homo sapiens
US-10-605-840-2672

Query Match 4.6%; Score 13.4; DB 1; Length 16;
Best Local Similarity 93.3%; Pred. No. 4e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 794 TGCCAGAGGCTCTCC 808
DB 2 TGCCAGAGGCTCTCC 16

RESULT 739
PCT-US98-10391-47
Sequence 47, Application PC/TUS9810391
GENERAL INFORMATION:
APPLICANT: Consalves, Dennis

```

; APPLICANT: Meng, Baozhong
; TITLE OF INVENTION: RUPESTRIS STEM FITTING ASSOCIATED VIRUS
; NUMBER OF SEQUENCES: 54
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Nixon, Hargrave, Devans & Doyle LLP
; CITY: Rochester
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 14603
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US98/10391
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/047,147
; FILING DATE: 20-MAY-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/069,902
; FILING DATE: 17-DEC-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Goldman, Michael L.
; REGISTRATION NUMBER: 30,727
; REFERENCE/DOCKET NUMBER: 19603/1722
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (716) 263-1304
; TELEFAX: (716) 263-1600
; INFORMATION FOR SEQ ID NO: 47:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: CDNA
; PCT-US98-10391-47

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Query Match 4.6%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 4.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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QY 762 TAGGCTCCACTTCT 776
DB 1 TGGGCTCCACTTCT 15

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RESULT 740
US-08-435-632-1575
; Sequence 1575, Application US/08435632
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

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; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/435,632
; FILING DATE: 05-MAY-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/373,124
; FILING DATE: January 13, 1995
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1575:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-435-632-1575

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Query Match 4.6%; Score 13.4; DB 1; Length 17;
Best Local Similarity 56.7%; Pred. No. 4.3e+02;
Matches 10; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

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QY 802 GCTCTCTCCACTC 816
DB 1 GCUCUCUCGACUC 15

```

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RESULT 741
US-08-777-920-1575
; Sequence 1575, Application US/08777920
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/777,920
; FILING DATE: 23-DEC-1996

```



```
; CLASSIFICATION: 514
; PRIOR APPLICATION NUMBER: 08/373,124
; FILING DATE: January 13, 1995
; APPLICATION NUMBER: 08/845,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1575:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-777-920-1575

Query Match 4.6%; Score 13.4; DB 1; Length 17;
Best Local Similarity 66.7%; Pred. No. 4.3e+02;
Matches 10; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 802 GCTCTCTCCAACTC 816
DB 1 GCUCUCCUGGAACUC 15

RESULT 742
US-09-404-912-486/c
; Sequence 486, Application US/09404912
; GENERAL INFORMATION:
; APPLICANT: John Landers
; APPLICANT: David Houseman
; APPLICANT: Barbara Jordan
; APPLICANT: Alain Charest
; TITLE OF INVENTION: Methods and Products Related to
; FILE REFERENCE: M0656/7045 (HCL/MAT)
; CURRENT FILING DATE: 1999-09-24
; PRIOR APPLICATION NUMBER: US 09/404,912
; PRIOR FILING DATE: 1998-09-25
; PRIOR APPLICATION NUMBER: PCT/US99/22283
; PRIOR FILING DATE: 1999-09-24
; NUMBER OF SEQ ID NOS: 691
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 486
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo Sapiens
US-09-404-912-486

Query Match 4.6%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 4.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 766 CCTCCACTTCTGAGG 780
DB 16 CCTCCGCTTCTGAGG 2

RESULT 745
US-09-532-537B-362
; Sequence 362, Application US/09532537B
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Mediated Inhibition of Protein Kinase C-a
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```
; Sequence 486, Application US/09404912B
; GENERAL INFORMATION:
; APPLICANT: John Landers
; APPLICANT: David Houseman
; APPLICANT: Barbara Jordan
; APPLICANT: Alain Charest
; TITLE OF INVENTION: Methods and Products Related to Genotyping and DNA Analysis
; FILE REFERENCE: M0656/7045 (HCL/JAV)
; CURRENT FILING DATE: 1999-09-24
; PRIOR APPLICATION NUMBER: US 09/404,912B
; PRIOR FILING DATE: 1998-09-25
; PRIOR APPLICATION NUMBER: PCT/US99/22283
; PRIOR FILING DATE: 1999-09-24
; NUMBER OF SEQ ID NOS: 691
; SOFTWARE: Fast-Seq for Windows Version 3.0
; SEQ ID NO 486
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo Sapiens
US-09-404-912B-486

Query Match 4.6%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 4.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 766 CCTCCACTTCTGAGG 780
DB 16 CCTCCGCTTCTGAGG 2

RESULT 744
US-09-498-824A-2671
; Sequence 2671, Application US/09498824A
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Ludwig, Janos
; APPLICANT: Sproat, Brian
; APPLICANT: Beigelman, Leo
; TITLE OF INVENTION: Compositions Having RNA Cleaving Activity
; FILE REFERENCE: MEH00-874-D (247/280)
; CURRENT FILING DATE: 2000-02-04
; PRIOR APPLICATION NUMBER: US 09/406,643
; PRIOR FILING DATE: 1999-09-27
; PRIOR APPLICATION NUMBER: US 08/878,640
; PRIOR FILING DATE: 1997-06-19
; PRIOR APPLICATION NUMBER: US 08/879,078
; PRIOR FILING DATE: 1997-06-19
; NUMBER OF SEQ ID NOS: 3516
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2671
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-498-824A-2671

Query Match 4.6%; Score 13.4; DB 1; Length 17;
Best Local Similarity 66.7%; Pred. No. 4.3e+02;
Matches 10; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 899 CAGCTTCTCGATCA 913
DB 2 CACCUUCUGGAUCA 16

RESULT 745
US-09-532-537B-362
; Sequence 362, Application US/09532537B
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Mediated Inhibition of Protein Kinase C-a
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; FILE REFERENCE: MEHB00-945-A (249/004)
; CURRENT APPLICATION NUMBER: US/09/532,537B
; CURRENT FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: US 09/071,845
; PRIOR FILING DATE: 1998-05-01
; PRIOR APPLICATION NUMBER: US 09/498,824
; PRIOR FILING DATE: 2000-02-04
; PRIOR APPLICATION NUMBER: US 08/292,620
; PRIOR FILING DATE: 1994-08-17
; PRIOR APPLICATION NUMBER: US 08/008,895
; PRIOR FILING DATE: 1993-01-19
; PRIOR APPLICATION NUMBER: US 07/989,849
; PRIOR FILING DATE: 1992-12-07
; PRIOR APPLICATION NUMBER: US 09/406,643
; PRIOR FILING DATE: 1999-09-27
; PRIOR APPLICATION NUMBER: US 08/878,640
; PRIOR FILING DATE: 1997-06-19
; PRIOR APPLICATION NUMBER: US 08/879,078
; PRIOR FILING DATE: 1997-06-19
; NUMBER OF SEQ ID NOS: 2897
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 362
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-532-537B-362

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Query Match          4.6%; Score 13.4; DB 1; Length 17;
Best Local Similarity 66.7%; Pred. No. 4.3e+02;
Matches 10; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY      899 CAGCTTCTCGCATCA 913
Db      1 CACCUUCUGCAUCA 15

```

```

RESULT 746
US-09-568-189-47
; Sequence 47, Application US/09568189
; GENERAL INFORMATION:
; APPLICANT: Gonsalves, Dennis
; APPLICANT: Meng, Baozhong
; TITLE OF INVENTION: RUPESTRIS STEM PITTING ASSOCIATED VIRUS
; FILE REFERENCE: 07678/035004
; CURRENT APPLICATION NUMBER: US/09/568,189
; CURRENT FILING DATE: 2000-05-09
; PRIOR APPLICATION NUMBER: 60/047,147
; PRIOR FILING DATE: 1997-05-20
; PRIOR APPLICATION NUMBER: 60/069,902
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 09/081,320
; PRIOR FILING DATE: 1998-05-19
; NUMBER OF SEQ ID NOS: 54
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 47
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic based on Rupestris stem pitting
; OTHER INFORMATION: associated virus
US-09-568-189-47

```

```

Query Match          4.6%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 4.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      762 TAGGCCTCCACTTCT 776
Db      1 TGGGCTCCACTTCT 15

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RESULT 747
US-09-568-189A-47
; Sequence 47, Application US/09568189A
; GENERAL INFORMATION:
; APPLICANT: Gonsalves, Dennis
; APPLICANT: Meng, Baozhong
; TITLE OF INVENTION: RUPESTRIS STEM PITTING ASSOCIATED VIRUS
; FILE REFERENCE: 07678/035004
; CURRENT APPLICATION NUMBER: US/09/568,189A
; CURRENT FILING DATE: 2000-05-09
; PRIOR APPLICATION NUMBER: 60/047,147
; PRIOR FILING DATE: 1997-05-20
; PRIOR APPLICATION NUMBER: 60/069,902
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 09/081,320
; PRIOR FILING DATE: 1998-05-19
; NUMBER OF SEQ ID NOS: 97
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 47
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic based on Rupestris stem pitting
; OTHER INFORMATION: associated virus
US-09-568-189A-47

```

```

Query Match          4.6%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 4.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      762 TAGGCCTCCACTTCT 776
Db      1 TGGGCTCCACTTCT 15

```

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RESULT 748
US-09-776-474-1062/c
; Sequence 1062, Application US/09776474
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Jarvis, Thale
; APPLICANT: Bocher, Robert
; APPLICANT: Holman, Patricia
; APPLICANT: Fattaey, Ali
; APPLICANT: McGwiggan, Jim
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Checkpoint Kinase-1 (CHK-1)
; FILE REFERENCE: MEHB00-955-A (400/008)
; CURRENT APPLICATION NUMBER: US/09/776,474
; CURRENT FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,983
; PRIOR FILING DATE: 2000-03-02
; NUMBER OF SEQ ID NOS: 2992
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1062
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-776-474-1062

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```

Query Match          4.6%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 4.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      798 AAGAGCTCTCTCCCA 812
Db      16 AAAAGCTCTCTCCCA 2

```

RESULT 749
US-10-061-201-1114
; Sequence 1114, Application US/10061201
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: PB0178
; CURRENT APPLICATION NUMBER: US/10/061,201
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006656
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006659
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/328,205
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Aecmica Sequence Listing Engine
; SEQ ID NO 1114
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-061-201-1114

Query Match 4.6%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 4.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 744 GTAGGGTCCAGGGT 758
Db 3 GTAGGGGCCAGGGT 17
|||||

RESULT 750
US-10-061-201-1118
; Sequence 1118, Application US/10061201
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: PB0178
; CURRENT APPLICATION NUMBER: US/10/061,201
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006659
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23

; PRIOR APPLICATION NUMBER: US 60/328,205
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Aecmica Sequence Listing Engine
; SEQ ID NO 1118
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-061-201-1118

Query Match 4.6%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 4.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 746 AGGGTCCAGGGTCC 760
Db 1 AGGGGCCAGGGTCC 15
|||||

RESULT 751
US-10-310-188-67176/c
; Sequence 67176, Application US/10310188
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENES
; FILE REFERENCE: 47487
; CURRENT APPLICATION NUMBER: US/10/310,188
; CURRENT FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 86841
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 67176
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-310-188-67176

Query Match 4.6%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 4.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 928 CCACCTCCAGAGAA 942
Db 17 CCATCTCCAGAGAA 3
|||||

RESULT 752
US-10-338-777-363
; Sequence 363, Application US/10338777
; GENERAL INFORMATION:
; APPLICANT: Lynx Therapeutics, Inc.
; APPLICANT: United States Department of Agriculture
; APPLICANT: Bowen, Benjamin A
; APPLICANT: Haudenschild, Christian D
; APPLICANT: Buckler, Edward S
; TITLE OF INVENTION: Identification of Genes Associated with Growth in Plants
; FILE REFERENCE: 37-000510US
; CURRENT APPLICATION NUMBER: US/10/338,777
; CURRENT FILING DATE: 2003-01-07
; NUMBER OF SEQ ID NOS: 405
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 363
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Arabidopsis thaliana
US-10-338-777-363

Query Match 4.6%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 4.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 830 TCTCTTTCTCTCT 844
|||||

Db 3 TCTCTTTTCTTTCT 17

RESULT 753
US-10-676-154-486/c
; Sequence 486, Application US/10676154
; GENERAL INFORMATION:
; APPLICANT: John Landers
; APPLICANT: David Houseman
; APPLICANT: Barbara Jordan
; APPLICANT: Alain Charest
; TITLE OF INVENTION: Methods and Products Related to
; FILE REFERENCE: M0656/7045 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/676,154
; PRIOR FILING DATE: 2003-09-29
; PRIOR FILING DATE: 1998-09-25
; PRIOR APPLICATION NUMBER: PCT/US99/22283
; PRIOR FILING DATE: 1999-09-24
; NUMBER OF SEQ ID NOS: 691
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 486
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo Sapiens
US-10-676-154-486

Query Match 4.6%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 4.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 766 CCTCCACTTCTGAGG 780
Db 16 CCTCCGCTTCTGAGG 2

RESULT 754
US-10-767-154-486/c
; Sequence 486, Application US/10767154
; GENERAL INFORMATION:
; APPLICANT: John Landers
; APPLICANT: David Houseman
; APPLICANT: Barbara Jordan
; APPLICANT: Alain Charest
; TITLE OF INVENTION: Methods and Products Related to
; FILE REFERENCE: M0656/7045 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/767,154
; PRIOR FILING DATE: 2003-09-29
; PRIOR FILING DATE: 1998-09-25
; PRIOR APPLICATION NUMBER: PCT/US99/22283
; PRIOR FILING DATE: 1999-09-24
; NUMBER OF SEQ ID NOS: 691
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 486
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo Sapiens
US-10-767-154-486

Query Match 4.6%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 4.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 766 CCTCCACTTCTGAGG 780
Db 16 CCTCCGCTTCTGAGG 2

RESULT 755
US-60-328-205-1114

; Sequence 1114, Application US/60328205
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: AEOMICA-26
; CURRENT APPLICATION NUMBER: US/60/328,205
; CURRENT FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 1114
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-60-328-205-1114

Query Match 4.6%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 4.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 744 GTAGGTCCTCCAGGCT 758
Db 3 GTAGGGGCCCCAGGCT 17

RESULT 756
US-60-328-205-1118
; Sequence 1118, Application US/60328205
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: AEOMICA-26
; CURRENT APPLICATION NUMBER: US/60/328,205
; CURRENT FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 1118
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-60-328-205-1118

Query Match 4.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 4.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 746 AGGGTCCTCCAGGTCCT 760
Db 1 AGGGGCCCCAGGTCCT 15

RESULT 757
PCT-US99-23171-85
; Sequence 85, Application PC/TUS9923171
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda F.
; APPLICANT: Cowsett, Lex M.
; APPLICANT: Monia, Brett P.
; APPLICANT: Xu, Xiaoxing S.
; APPLICANT: Isis Pharmaceuticals, Inc.
; TITLE OF INVENTION: ANTISENSE MODULATION OF EXPRESSION OF TUMOR NECROSIS FACTOR RECEPTOR
; FILE REFERENCE: ISPH-0411
; CURRENT APPLICATION NUMBER: PCT/US99/23171
; CURRENT FILING DATE: 1999-10-05
; NUMBER OF SEQ ID NOS: 268
; SEQ ID NO 85
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: antisense sequence
PCT-US99-23171-85

Query Match 4.6%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 770 CACTTCTGAGGCAG 784
|||||
Db 1 CACTTGTGAGGCAG 15

RESULT 758

US-09-295-487A-8/c
; Sequence 8, Application US/09295487A
; GENERAL INFORMATION:
; APPLICANT: HEKIMI, Siegfried
; TITLE OF INVENTION: STRUCTURAL AND FUNCTIONAL CONSERVATION
; FILE REFERENCE: 701826/50013
; CURRENT APPLICATION NUMBER: US/09/295,487A
; PRIOR FILING DATE: 1999-04-20
; PRIOR APPLICATION NUMBER: 60/028,977
; PRIOR FILING DATE: 1996-10-21
; PRIOR APPLICATION NUMBER: 60/033,196
; PRIOR FILING DATE: 1996-12-18
; NUMBER OF SEQ ID NOS: 20
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 8
; LENGTH: 18
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; OTHER INFORMATION: primer SHP59
US-09-295-487A-8

Query Match 4.6%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 827 GTGTCTCTTTCTTC 841
|||||
Db 18 GTGTCCCTTTCTTC 4

RESULT 759

US-09-295-487B-8/c
; Sequence 8, Application US/09295487B
; GENERAL INFORMATION:
; APPLICANT: HEKIMI, Siegfried
; TITLE OF INVENTION: STRUCTURAL AND FUNCTIONAL CONSERVATION
; FILE REFERENCE: 701826/50013
; CURRENT APPLICATION NUMBER: US/09/295,487B
; PRIOR FILING DATE: 2002-01-24
; PRIOR APPLICATION NUMBER: 60/028,977
; PRIOR FILING DATE: 1996-10-21
; PRIOR APPLICATION NUMBER: 60/033,196
; PRIOR FILING DATE: 1996-12-18
; NUMBER OF SEQ ID NOS: 20
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 8
; LENGTH: 18
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; OTHER INFORMATION: primer SHP59
US-09-295-487B-8

Query Match 4.6%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 827 GTGTCTCTTTCTTC 841
|||||
Db 18 GTGTCCCTTTCTTC 4

RESULT 760

US-09-295-487C-8/c
; Sequence 8, Application US/09295487C
; GENERAL INFORMATION:
; APPLICANT: HEKIMI, Siegfried
; TITLE OF INVENTION: STRUCTURAL AND FUNCTIONAL CONSERVATION
; FILE REFERENCE: 11202-003-999
; CURRENT APPLICATION NUMBER: US/09/295,487C
; PRIOR FILING DATE: 1999-04-20
; PRIOR APPLICATION NUMBER: 60/028,977
; PRIOR FILING DATE: 1996-10-21
; PRIOR APPLICATION NUMBER: 60/033,196
; PRIOR FILING DATE: 1996-12-18
; NUMBER OF SEQ ID NOS: 29
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 8
; LENGTH: 18
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; OTHER INFORMATION: primer SHP59
US-09-295-487C-8

Query Match 4.6%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 827 GTGTCTCTTTCTTC 841
|||||
Db 18 GTGTCCCTTTCTTC 4

RESULT 761

US-10-067-125-85
; Sequence 85, Application US/10067125
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda F.
; APPLICANT: Cowsett, Lex M.
; APPLICANT: Morita, Brett P.
; APPLICANT: Xu, Xiaoxing S.
; TITLE OF INVENTION: ANTISENSE MODULATION OF TRAF EXPRESSION
; FILE REFERENCE: ISPH-0321
; CURRENT APPLICATION NUMBER: US/10/067,125
; CURRENT FILING DATE: 2002-02-04
; PRIOR APPLICATION NUMBER: 09/167,109
; PRIOR FILING DATE: 1998-10-06
; NUMBER OF SEQ ID NOS: 228
; SEQ ID NO 85
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: antisense sequence
US-10-067-125-85

Query Match 4.6%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 770 CACTTCTGAGGCAG 784
|||||
Db 1 CACTTGTGAGGCAG 15

RESULT 762

US-10-293-338-954/c
; Sequence 954, Application US/10293338
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY GENES AND

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; TITLE OF INVENTION: THEREOF
; FILE REFERENCE: 45282
; CURRENT APPLICATION NUMBER: US/10/293,338
; CURRENT FILING DATE: 2002-11-14
; NUMBER OF SEQ ID NOS: 8785
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 954
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-293-338-954

Query Match          4.6%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 761 CTAGGCTCCACTTC 775
Db 15 CTGGGCTCCACTTC 1

RESULT 763
US-60-216-745-9481
; Sequence 9481, Application US/60216745
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; APPLICANT: Abderrahim, Hadi
; APPLICANT: Dufaur-Gare, Isabelle
; TITLE OF INVENTION: BIALLELIC MARKER MAPS FOR USE IN CONSTRUCTING A HIGH DENSITY...
; FILE REFERENCE: 84 US1.PRO
; CURRENT APPLICATION NUMBER: US/60/216,745
; CURRENT FILING DATE: 2000-06-30
; NUMBER OF SEQ ID NOS: 13665
; SOFTWARE: Patent.pm
; SEQ ID NO 9481
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: downstream amplification primer 99-40519 for SEQ 419, in compleme
US-60-216-745-9481

Query Match          4.6%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 830 TCTCTTTTCTCTCT 844
Db 2 TCTCTTTTCTCTCT 16

RESULT 764
US-10-266-090-42122
; Sequence 42122, Application US/10266090
; GENERAL INFORMATION:
; APPLICANT: GOFF, STEPHEN
; APPLICANT: BONAN, CAROLINE
; APPLICANT: COLBERT, MICHELLE
; APPLICANT: WANG, RONG-LIN
; TITLE OF INVENTION: CEREAL TRINUCLEOTIDE SIMPLE SEQUENCE
; FILE REFERENCE: NAD11.058C1
; CURRENT APPLICATION NUMBER: US/10/266,090
; CURRENT FILING DATE: 2002-10-03
; PRIOR APPLICATION NUMBER: US 10/260,703
; PRIOR FILING DATE: 2002-09-26
; PRIOR APPLICATION NUMBER: US 60/326,117
; PRIOR FILING DATE: 2001-09-26
; NUMBER OF SEQ ID NOS: 51812
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; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 42122
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR PRIMER FOR SEQUENCE FROM ORYZA SATIVA
US-10-266-090-42122

Query Match          4.6%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 4.8e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 918 ATCATCACCACCACC 932
Db 3 ATCATCACCACCACC 17

RESULT 765
US-10-310-188-61099
; Sequence 61099, Application US/10310188
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENES
; FILE REFERENCE: 47487
; CURRENT APPLICATION NUMBER: US/10/310,188
; CURRENT FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 86841
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 61099
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-310-188-61099

Query Match          4.6%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 4.8e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 706 AGCGAGTCCCGAG 720
Db 5 AGCGAGTCCCGAG 19

RESULT 766
PCT-US00-04340-79/c
; Sequence 79, Application PC/TUS0004340
; GENERAL INFORMATION:
; APPLICANT: Valenzuela, Dario
; APPLICANT: Yuan, Olive
; APPLICANT: Hoffman, Heidi
; APPLICANT: Hall, Jeff
; APPLICANT: Rapiejko, Peter
; TITLE OF INVENTION: SECRETED PROTEINS AND POLYNUCLEOTIDES ENCODING THEM
; FILE REFERENCE: GI 6918X
; CURRENT APPLICATION NUMBER: PCT/US00/04340
; CURRENT FILING DATE: 2000-02-18
; NUMBER OF SEQ ID NOS: 101
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 79
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide
PCT-US00-04340-79

Query Match          4.6%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 722 GTGACTCTGTCATA 736
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Db 18 GTGGCTGGGCATA 4
|||||

RESULT 767

PCT-US01-13209A-80/c
; Sequence 80, Application PC/TUS0113209A

; GENERAL INFORMATION:

; APPLICANT: Brenda F. Baker

; APPLICANT: C. Frank Bennett

; APPLICANT: Jacqueline Wyatt

; APPLICANT: Isis Pharmaceuticals, Inc.

; TITLE OF INVENTION: ANTISENSE MODULATION OF INHIBITOR OF DNA BINDING-1 EXPRESSION

; CURRENT APPLICATION NUMBER: PCT/US01/13209A

; CURRENT FILING DATE: 2001-04-25

; PRIOR APPLICATION NUMBER: 09/561,497

; PRIOR FILING DATE: 2000-04-28

; NUMBER OF SEQ ID NOS: 88

; SEQ ID NO 80

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

PCT-US01-13209A-80

Query Match 4.6%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.1e+02;

Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 829 GTCTCTTTCTCTC 843

Db 15 GTCTCATTTCTCTC 1

RESULT 768

PCT-US01-13209A-81/c

; Sequence 81, Application PC/TUS0113209A

; GENERAL INFORMATION:

; APPLICANT: Brenda F. Baker

; APPLICANT: C. Frank Bennett

; APPLICANT: Jacqueline Wyatt

; APPLICANT: Isis Pharmaceuticals, Inc.

; TITLE OF INVENTION: ANTISENSE MODULATION OF INHIBITOR OF DNA BINDING-1 EXPRESSION

; FILE REFERENCE: RTSP-0135

; CURRENT APPLICATION NUMBER: PCT/US01/13209A

; CURRENT FILING DATE: 2001-04-25

; PRIOR APPLICATION NUMBER: 09/561,497

; PRIOR FILING DATE: 2000-04-28

; NUMBER OF SEQ ID NOS: 88

; SEQ ID NO 81

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

PCT-US01-13209A-81

Query Match 4.6%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.1e+02;

Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 829 GTCTCTTTCTCTC 843

Db 18 GTCTCATTTCTCTC 4

RESULT 769

PCT-US03-16214-14/c

; Sequence 14, Application PC/TUS0316214

; GENERAL INFORMATION:

; APPLICANT: Eric G. Marcusson

; APPLICANT: C. Frank Bennett

; APPLICANT: Kenneth W. Dobie

; APPLICANT: Isis Pharmaceuticals Inc.

; TITLE OF INVENTION: ANTISENSE MODULATION OF EXTRACELLULAR-SIGNAL-REGULATED KINASE-6

; FILE REFERENCE: PTS-0055WO

; CURRENT APPLICATION NUMBER: PCT/US03/16214

; CURRENT FILING DATE: 2003-06-16

; PRIOR APPLICATION NUMBER: 10/348,431

; PRIOR FILING DATE: 2003-01-17

; PRIOR APPLICATION NUMBER: 10/174,465

; PRIOR FILING DATE: 2002-06-17

; NUMBER OF SEQ ID NOS: 233

; SEQ ID NO 14

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

PCT-US03-16214-14

Query Match 4.6%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.1e+02;

Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 794 TGCCAGAGCTCTCC 808

Db 15 TGCCATGAGCTCTCC 1

RESULT 770

US-09-046-351-129

; Sequence 129, Application US/09046351A

; GENERAL INFORMATION:

; APPLICANT: Serizawa, Nobufusa

; APPLICANT: Haruyama, Hideyuki

; APPLICANT: Takahashi, Toru

; APPLICANT: Nakahara, Kaori

; APPLICANT: Yonehara, Shin

; TITLE OF INVENTION: HUMANIZED ANTI-HUMAN Fas ANTIBODY

; FILE REFERENCE: 980125/HG

; CURRENT APPLICATION NUMBER: US/09/046,351A

; CURRENT FILING DATE: 1998-03-23

; EARLIER APPLICATION NUMBER: JP HEI 9-67938

; EARLIER FILING DATE: 1997-03-21

; NUMBER OF SEQ ID NOS: 189

; SOFTWARE: PatentIn Ver. 2.0

; SEQ ID NO 129

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence: Sequencing

; OTHER INFORMATION: primer for a DNA encoding the L chain of humanized

; OTHER INFORMATION: anti-Fas antibody

US-09-046-351-129

Query Match 4.6%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.1e+02;

Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 710 AGTCCCAGAGAGTG 724

Db 6 ACTCCCAGAGAGTG 20

RESULT 771

US-09-201-228A-1234

; Sequence 1234, Application US/09201228A

; GENERAL INFORMATION:

; APPLICANT: Griffais, Remy

; APPLICANT: Hoiseth, Susan K.

; APPLICANT: Zagursky, Robert John

; APPLICANT: Metcalf, Benjamin J.

```

; APPLICANT: Peek, Joel A.
; APPLICANT: Sankaran, Banumathi
; APPLICANT: Fletcher, Leah Diane
; TITLE OF INVENTION: CHLAMYDIA TRACHOMATIS GENOMIC SEQUENCE
; TITLE OF INVENTION: AND POLYPEPTIDES, FRAGMENTS THEREOF AND USES THEREOF, IN
; TITLE OF INVENTION: PARTICULAR FOR THE DIAGNOSIS, PREVENTION AND TREATMENT OF
; TITLE OF INVENTION: INFECTION
; FILE REFERENCE: 9710-0004-999
; CURRENT APPLICATION NUMBER: US/09/201,228A
; CURRENT FILING DATE: 1998-11-30
; PRIOR APPLICATION NUMBER: US 60/107,077
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: FR 97-16034
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: FR 97-15041
; PRIOR FILING DATE: 1997-11-28
; NUMBER OF SEQ ID NOS: 5981
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1234
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-09-201-228A-1234

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Query Match      4.6%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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Qy 804 TCTCTCCAACCTCAG 818
 |||||
 pb 6 TCTCTCCAACCTCGG 20

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RESULT 772
US-09-201-228A-5691
; Sequence 5691, Application US/09201228A
; GENERAL INFORMATION:
; APPLICANT: Griffais, Remy
; APPLICANT: Hoiseth, Susan K.
; APPLICANT: Zagursky, Robert John
; APPLICANT: Metcalf, Benjamin J.
; APPLICANT: Peek, Joel A.
; APPLICANT: Sankaran, Banumathi
; APPLICANT: Fletcher, Leah Diane
; TITLE OF INVENTION: CHILAMYDIA TRACHOMATIS GENOMIC SEQUENCE
; TITLE OF INVENTION: AND POLYPEPTIDES, FRAGMENTS THEREOF AND USES THEREOF, IN
; TITLE OF INVENTION: PARTICULAR FOR THE DIAGNOSIS, PREVENTION AND TREATMENT OF
; TITLE OF INVENTION: INFECTION
; FILE REFERENCE: 9710-0004-999
; CURRENT APPLICATION NUMBER: US/09/201.228A
; CURRENT FILING DATE: 1998-11-30
; PRIOR APPLICATION NUMBER: US 60/107,077
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: FR 97-16034
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: FR 97-15041
; PRIOR FILING DATE: 1997-11-28
; NUMBER OF SEQ ID NOS: 5981
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 5691
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-09-201-228A-5691

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Query Match          4.6%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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QY 798 AAGAGCTCTCTCTCCA 812
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RESULT 773
US-09-507-209-79/c
; Sequence 79, Application US/09507209
; GENERAL INFORMATION:
; APPLICANT: Valenzuela, Dario
; APPLICANT: Yuan, Olive
; APPLICANT: Hoffman, Heidi
; APPLICANT: Hall, Jeff
; APPLICANT: Rapijko, Peter
; TITLE OF INVENTION: SECRETED PROTEINS AND POLYNUCLEOTIDES ENCODING THEM
; FILE REFERENCE: GI 6919X
; CURRENT APPLICATION NUMBER: US/09/507,209
; CURRENT FILING DATE: 2000-02-18
; NUMBER OF SEQ ID NOS: 101
; SOFTWARE: PatentIn ver. 2.0
; SEQ ID NO 79
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; - OTHER INFORMATION: oligonucleotide
US-09-507-209-79

```

```
Query Match      4.6%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.1e+02;
Matches - 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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Qy 722 GTGACTCTGGTCATA 736
||| ||| ||| ||| |||
Db 18 GTGGCTCTGGTCATA 4

```

RESULT 774
US-09-514-000-13154
; Sequence 13154, Application US/09514000
; GENERAL INFORMATION:
; APPLICANT: Hinkle, Gregory J.
; APPLICANT: Slater, Steven C.
; TITLE OF INVENTION: Agrobacterium tumefaciens
; FILE REFERENCE: 38-10 (15490)B
; CURRENT APPLICATION NUMBER: US/09/514,000
; CURRENT FILING DATE: 2000-02-23
; NUMBER OF SEQ ID NOS: 15034
; SEQ ID NO 13154
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Agrobacterium tumefaciens
US-09-514-000-13154

```

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Query Match      4.6%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.1e+02;
Matches 14: Conservative 0; Mismatches 1; Indels 0; Caps 0;
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Qy 918 ATCATCACCACCACC 932
Db 2 ATCATCACCATCACC 16

RESULT 775
US-09-514-000-14068/c
; Sequence 14068, Application US/09514000
; GENERAL INFORMATION:
; APPLICANT: Hinkle, Gregory J.
; APPLICANT: Slater, Steven C.
; TITLE OF INVENTION: Agrobacterium tume
; FILE REFERENCE: 38-10(115490)B
; CURRENT APPLICATION NUMBER: US/09/514,
; CURRENT FILING DATE: 2000-02-23


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; NUMBER OF SEQ ID NOS: 15034
; SEQ ID NO 14068
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Agrobacterium tumefaciens
US-09-514-000-14068

Query Match      4.6%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 745 TAGGTCACAGGTC 759
    |||||
Db 20 TAGGTCACAGTGC 6

RESULT 776
US-09-548-954A-582/c
; Sequence 582, Application US/09548954A
; GENERAL INFORMATION:
; APPLICANT: KEITH, TIM
; APPLICANT: LITTLE, RANDALL
; APPLICANT: VAN EERDEWEGH, PAUL
; APPLICANT: DUPUIS, JOSEE
; APPLICANT: DEL MASTRO, RICHARD
; APPLICANT: SIMON, JASON
; APPLICANT: ALLEN, KRISTINA
; APPLICANT: PANDIT, SUNIL
; TITLE OF INVENTION: NOVEL HUMAN GENES RELATING TO RESPIRATORY DISEASES AND
; FILE REFERENCE: 2976-4040
; CURRENT APPLICATION NUMBER: US/09/548,954A
; CURRENT FILING DATE: 2000-04-13
; PRIOR APPLICATION NUMBER: 60/129,391
; PRIOR FILING DATE: 1999-04-13
; NUMBER OF SEQ ID NOS: 1282
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 582
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-548-954A-582

Query Match      4.6%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 765 GCCTCCACTTCTGAG 779
    |||||
Db 15 GCCTCCACTCTGAG 1

RESULT 777
US-09-548-954B-582/c
; Sequence 582, Application US/09548954B
; GENERAL INFORMATION:
; APPLICANT: KEITH, TIM
; APPLICANT: LITTLE, RANDALL
; APPLICANT: VAN EERDEWEGH, PAUL
; APPLICANT: DUPUIS, JOSEE
; APPLICANT: DEL MASTRO, RICHARD
; APPLICANT: SIMON, JASON
; APPLICANT: ALLEN, KRISTINA
; APPLICANT: PANDIT, SUNIL
; TITLE OF INVENTION: NOVEL HUMAN GENES RELATING TO RESPIRATORY DISEASES AND
; FILE REFERENCE: 2976-4040
; CURRENT APPLICATION NUMBER: US/09/548,954B
; CURRENT FILING DATE: 2000-04-13
; PRIOR APPLICATION NUMBER: 60/129,391
; PRIOR FILING DATE: 1999-04-13

; NUMBER OF SEQ ID NOS: 1282
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 582
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-548-954B-582

Query Match      4.6%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 765 GCCTCCACTTCTGAG 779
    |||||
Db 15 GCCTCCACTCTGAG 1

RESULT 778
US-09-851-871A-126
; Sequence 126, Application US/09851871A
; GENERAL INFORMATION:
; APPLICANT: Bennett, Clarence Frank
; APPLICANT: Vickers, Timothy A.
; APPLICANT: Karras, James G.
; TITLE OF INVENTION: Oligonucleotide Compositions and Methods for the
; FILE REFERENCE: ISPH-0543
; CURRENT APPLICATION NUMBER: US/09/851,871
; CURRENT FILING DATE: 2001-05-09
; PRIOR APPLICATION NUMBER: PCT/US00/14471
; PRIOR FILING DATE: 2000-05-25
; PRIOR APPLICATION NUMBER: 09/326,186
; PRIOR FILING DATE: 1999-06-04
; PRIOR APPLICATION NUMBER: 08/777,266
; PRIOR FILING DATE: 1996-12-31
; NUMBER OF SEQ ID NOS: 284
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 126
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-851-871A-126

Query Match      4.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 765 GCCTCCACTTCTGAG 779
    |||||
Db 2 GACTCCACTCTGAG 16

RESULT 779
US-09-851-871A-126
; Sequence 126, Application US/09851871A
; GENERAL INFORMATION:
; APPLICANT: Bennett, Clarence Frank
; APPLICANT: Vickers, Timothy A.
; APPLICANT: ISIS PHARMACEUTICALS, INC.
; TITLE OF INVENTION: Oligonucleotide Compositions and Methods for the
; FILE REFERENCE: ISPH-0543
; CURRENT APPLICATION NUMBER: US/09/851,871A
; CURRENT FILING DATE: 2001-05-09
; PRIOR APPLICATION NUMBER: PCT/US00/14471
; PRIOR FILING DATE: 2000-05-25
; PRIOR APPLICATION NUMBER: 09/326,186
; PRIOR FILING DATE: 1999-06-04
; PRIOR APPLICATION NUMBER: 08/777,266
```

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; PRIOR FILING DATE: 1996-12-31
; NUMBER OF SEQ ID NOS: 224
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 126
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-851-871A-126

Query Match      4.6%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 765 GCTCCACTTCTGAG 779
Db 2 GACTCCACTTCTGAG 16

RESULT 780
US-09-969-373-3471
; Sequence 3471, Application US/09969373
; GENERAL INFORMATION:
; APPLICANT: Effertz, Roger J.
; APPLICANT: Hauge, Brian M.
; TITLE OF INVENTION: Soybean SSRs and Methods of Genotyping
; FILE REFERENCE: 38-10(52679)A
; CURRENT APPLICATION NUMBER: US/09/969,373
; PRIOR FILING DATE: 2001-10-02
; PRIOR APPLICATION NUMBER: US 09/754,853
; PRIOR FILING DATE: 2001-01-05
; PRIOR APPLICATION NUMBER: US 09/760,427
; PRIOR FILING DATE: 2001-01-13
; PRIOR APPLICATION NUMBER: US 09/855,768
; PRIOR FILING DATE: 2001-05-15
; NUMBER OF SEQ ID NOS: 4593
; SEQ ID NO 3471
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Glycine max
US-09-969-373-3471

Query Match      4.6%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 959 CCAATTGACTTCT 973
Db 3 CCAATTGACTTCT 17

RESULT 781
US-09-980-953-126
; Sequence 126, Application US/09980953
; GENERAL INFORMATION:
; APPLICANT: Bennett, Clarence Frank
; APPLICANT: Vickers, Timothy A.
; APPLICANT: Karras, James, G.
; TITLE OF INVENTION: Antisense Modulation of B7 Protein Expression
; FILE REFERENCE: ISPH-0621
; CURRENT APPLICATION NUMBER: US/09/980,953
; CURRENT FILING DATE: 2001-12-03
; PRIOR APPLICATION NUMBER: 09/326,186
; PRIOR FILING DATE: 1999-06-04
; NUMBER OF SEQ ID NOS: 285
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 126
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic

US-09-980-953-126
; Sequence 126, Application US/09980953
; GENERAL INFORMATION:
; APPLICANT: MacLeod, Alan Robert
; APPLICANT: MacLeod, Alan Robert
; TITLE OF INVENTION: Inhibitors of DNA Methyltransferase Isoforms
; FILE REFERENCE: MET-005
; CURRENT APPLICATION NUMBER: US/10/144,577
; CURRENT FILING DATE: 2002-05-13
; PRIOR APPLICATION NUMBER: US 60/290,202
; PRIOR FILING DATE: 2001-05-11
; PRIOR APPLICATION NUMBER: US 60/290,212
; PRIOR FILING DATE: 2001-05-11
; NUMBER OF SEQ ID NOS: 49
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 26
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-144-577-26

Query Match      4.6%; Score 13.4; DB 1; Length 20;
Best Local Similarity 86.7%; Pred. No. 5.1e+02;
Matches 13; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Qy 853 CGTCCTGGCTCCAGT 867
Db 6 CGTCCTGGCTCCAGT 20

RESULT 783
US-10-144-577-26
; Sequence 26, Application US/10144577
; GENERAL INFORMATION:
; APPLICANT: MacLeod, Alan Robert
; APPLICANT: MacLeod, Alan Robert
; TITLE OF INVENTION: Inhibitors of DNA Methyltransferase Isoforms
; FILE REFERENCE: MET-005
; CURRENT APPLICATION NUMBER: US/10/144,577
; CURRENT FILING DATE: 2002-05-13
; PRIOR APPLICATION NUMBER: US 60/290,202
; PRIOR FILING DATE: 2001-05-11
; PRIOR APPLICATION NUMBER: US 60/290,212
; PRIOR FILING DATE: 2001-05-11
; NUMBER OF SEQ ID NOS: 49
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 26
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-144-577-26

Query Match      4.6%; Score 13.4; DB 1; Length 20;
Best Local Similarity 86.7%; Pred. No. 5.1e+02;
Matches 13; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Qy 853 CGTCCTGGCTCCAGT 867
Db 6 CGTCCTGGCTCCAGT 20

RESULT 784
US-10-144-577-49
; Sequence 49, Application US/10144577
; GENERAL INFORMATION:
; APPLICANT: MacLeod, Alan Robert
; APPLICANT: MacLeod, Alan Robert
; TITLE OF INVENTION: Inhibitors of DNA Methyltransferase Isoforms
; FILE REFERENCE: MET-005
; CURRENT APPLICATION NUMBER: US/10/144,577
; CURRENT FILING DATE: 2002-05-13
; PRIOR APPLICATION NUMBER: US 60/290,202
; PRIOR FILING DATE: 2001-05-11
; PRIOR APPLICATION NUMBER: US 60/290,212
; PRIOR FILING DATE: 2001-05-11
; NUMBER OF SEQ ID NOS: 49
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 49
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-144-577-49

Query Match      4.6%; Score 13.4; DB 1; Length 20;
Best Local Similarity 86.7%; Pred. No. 5.1e+02;
Matches 13; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Qy 853 CGTCCTGGCTCCAGT 867
Db 6 CGTCCTGGCTCCAGT 20

RESULT 784
US-10-144-577-49
; Sequence 49, Application US/10144577
; GENERAL INFORMATION:
; APPLICANT: MacLeod, Alan Robert
; APPLICANT: MacLeod, Alan Robert
; TITLE OF INVENTION: Inhibitors of DNA Methyltransferase Isoforms
; FILE REFERENCE: MET-005
; CURRENT APPLICATION NUMBER: US/10/144,577
; CURRENT FILING DATE: 2002-05-13
; PRIOR APPLICATION NUMBER: US 60/290,202
; PRIOR FILING DATE: 2001-05-11
; PRIOR APPLICATION NUMBER: US 60/290,212
; PRIOR FILING DATE: 2001-05-11
; NUMBER OF SEQ ID NOS: 49
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 49
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-144-577-49
```

; Sequence 49, Application US/10144577
; GENERAL INFORMATION:
; APPLICANT: MacLeod, Alan Robert
; TITLE OF INVENTION: Inhibitors of DNA Methyltransferase Isoforms
; FILE REFERENCE: MET-005
; CURRENT APPLICATION NUMBER: US/10144,577
; CURRENT FILING DATE: 2002-05-13
; PRIOR APPLICATION NUMBER: US 60/290,202
; PRIOR FILING DATE: 2001-05-11
; PRIOR APPLICATION NUMBER: US 60/290,212
; PRIOR FILING DATE: 2001-05-11
; NUMBER OF SEQ ID NOS: 49
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 49
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-144-577-49

Query Match 4.6%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 853 CGTCTGGCTCCACT 867
Db 6 CGTCTGGCTCCACT 20

RESULT 785
US-10-174-465-14/c
; Sequence 14, Application US/10174465
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF EXTRACELLULAR-SIGNAL-REGULATED KINASE-6
; FILE REFERENCE: PTS-0055
; CURRENT APPLICATION NUMBER: US/10174,465
; CURRENT FILING DATE: 2002-06-17
; NUMBER OF SEQ ID NOS: 70
; SEQ ID NO 14
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-174-465-14

Query Match 4.6%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 794 TGCCAAGAGCTCTCC 808
Db 15 TGCCATGAGCTCTCC 1

RESULT 786
US-10-258-664-80/c
; Sequence 80, Application US/10258664
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; APPLICANT: Isis Pharmaceuticals, Inc.
; TITLE OF INVENTION: ANTISENSE MODULATION OF INHIBITOR OF DNA BINDING-1 EXPRESSION
; FILE REFERENCE: RTSP-0135
; CURRENT APPLICATION NUMBER: US/10/258,664
; CURRENT FILING DATE: 2002-10-25
; PRIOR APPLICATION NUMBER: 09/561,497
; PRIOR FILING DATE: 2000-04-28
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 80
; LENGTH: 20

; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-258-664-80

Query Match 4.6%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 829 GTCTCTTTTCTCTC 843
Db 15 GTCTCATTTCTCTC 1

RESULT 787
US-10-258-664-81/c
; Sequence 81, Application US/10258664
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; APPLICANT: Isis Pharmaceuticals, Inc.
; TITLE OF INVENTION: ANTISENSE MODULATION OF INHIBITOR OF DNA BINDING-1 EXPRESSION
; FILE REFERENCE: RTSP-0135
; CURRENT APPLICATION NUMBER: US/10/258,664
; CURRENT FILING DATE: 2002-10-25
; PRIOR APPLICATION NUMBER: 09/561,497
; PRIOR FILING DATE: 2000-04-28
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 81
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-258-664-81

Query Match 4.6%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 829 GTCTCTTTTCTCTC 843
Db 18 GTCTCATTTCTCTC 4

RESULT 788
US-10-266-090-40735/c
; Sequence 40735, Application US/10266090
; GENERAL INFORMATION:
; APPLICANT: GOFF, STEPHEN
; APPLICANT: BONAN, CAROLINE
; APPLICANT: COLBERT, MICHELLE
; APPLICANT: WANG, RONG-LIN
; TITLE OF INVENTION: CEREAL TRINUCLEOTIDE SIMPLE SEQUENCE
; FILE REFERENCE: NADII.058C1
; CURRENT APPLICATION NUMBER: US/10/266,090
; CURRENT FILING DATE: 2002-10-03
; PRIOR APPLICATION NUMBER: US 10/260,703
; PRIOR FILING DATE: 2002-09-26
; PRIOR APPLICATION NUMBER: US 60/326,117
; PRIOR FILING DATE: 2001-09-26
; NUMBER OF SEQ ID NOS: 51812
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 40735
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR PRIMER FOR SEQUENCE FROM ORYZA SATIVA
US-10-266-090-40735

Query Match 4.6%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 918 ATCATCACCACCACC 932
Db 17 ATCACCACCACCACC 3

RESULT 789

US-10-266-090-48525
; Sequence 48525, Application US/10266090
; GENERAL INFORMATION:
; APPLICANT: GOFF, STEPHEN
; APPLICANT: BONAN, CAROLINE
; APPLICANT: COLBERT, MICHELLE
; APPLICANT: WANG, RONG-LIN
; TITLE OF INVENTION: CEREAL TRINUCLEOTIDE SIMPLE SEQUENCE
; FILE REFERENCE: NAD11.058C1
; CURRENT APPLICATION NUMBER: US/10/266,090
; PRIOR FILING DATE: 2002-10-03
; PRIOR FILING DATE: 2002-09-26
; PRIOR APPLICATION NUMBER: US 60/326,117
; PRIOR FILING DATE: 2001-09-26
; NUMBER OF SEQ ID NOS: 51812
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 48525
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR PRIMER FOR SEQUENCE FROM ORYZA SATIVA
US-10-266-090-48525

Query Match 4.6%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 919 TCATCACCACCACC 933
Db 6 TTATCACCACCACC 20

RESULT 790

US-10-298-994-22
; Sequence 22, Application US/10298994
; GENERAL INFORMATION:
; APPLICANT: William Gaarde
; APPLICANT: Susan M. Freier
; APPLICANT: Kenneth W. Dobie
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: MODULATION OF CHECKPOINT KINASE 1 EXPRESSION
; FILE REFERENCE: HTS-0006
; CURRENT APPLICATION NUMBER: US/10/298,994
; CURRENT FILING DATE: 2002-11-16
; NUMBER OF SEQ ID NOS: 228
; SEQ ID NO 22
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-298-994-22

Query Match 4.6%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 798 AAGAGCTCTCTCCA 812
Db 19 AAAAGCTCTCTCCA 5

Db 2 AAAAGCTCTCTCCA 16

RESULT 791

US-10-298-994-138/c
; Sequence 138, Application US/10298994
; GENERAL INFORMATION:
; APPLICANT: William Gaarde
; APPLICANT: Susan M. Freier
; APPLICANT: Kenneth W. Dobie
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: MODULATION OF CHECKPOINT KINASE 1 EXPRESSION
; FILE REFERENCE: HTS-0006
; CURRENT APPLICATION NUMBER: US/10/298,994
; CURRENT FILING DATE: 2002-11-16
; NUMBER OF SEQ ID NOS: 228
; SEQ ID NO 138
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
; OTHER INFORMATION: US-10-298-994-138
Query Match 4.6%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 798 AAGAGCTCTCTCCA 812
Db 19 AAAAGCTCTCTCCA 5

RESULT 792

US-10-310-188-38115
; Sequence 38115, Application US/10310188
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENES
; FILE REFERENCE: 47487
; CURRENT APPLICATION NUMBER: US/10/310,188
; CURRENT FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 86841
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 38115
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-310-188-38115

Query Match 4.6%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 746 AGGGTCCCGGGTCC 760
Db 3 AGGGTCCCGGGTCC 17

RESULT 793

US-10-348-431-14/c
; Sequence 14, Application US/10348431
; GENERAL INFORMATION:
; APPLICANT: Eric G. Marcussen
; APPLICANT: C. Frank Bennett
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: EXTRACELLULAR-SIGNAL-REGULATED KINASE-6 INHIBITORS FOR INHIBITING
; FILE REFERENCE: ISPH-0728
; CURRENT APPLICATION NUMBER: US/10/348,431
; CURRENT FILING DATE: 2003-01-17
; NUMBER OF SEQ ID NOS: 71
; SEQ ID NO 14

; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-348-431-14

Query Match 4.6%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 794 TGCCAGAGCTCTCC 808
Db 15 TGCCATGAGCTCTCC 1
|||||

RESULT 794
US-10-349-143-4532/c
; Sequence 4532, Application US/10349143
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilva
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 4532
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..20
; OTHER INFORMATION: upstream amplification primer 99-15627 for SEQ 598,
US-10-349-143-4532

Query Match 4.6%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 826 TGTGTCCTCTTCTT 840
Db 17 TGTGTCCTGTCCT 3
|||||

RESULT 795
US-10-444-206-126
; Sequence 126, Application US/10444206
; GENERAL INFORMATION:
; APPLICANT: Bennett, Clarence Frank
; APPLICANT: Vickers, Timothy A.
; APPLICANT: Karras, James G.
; TITLE OF INVENTION: Oligonucleotide Compositions and Methods for the
; FILE REFERENCE: Modulation of the Expression of B7 Protein
; CURRENT APPLICATION NUMBER: US/10/444,206
; CURRENT FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: 09/851,871
; PRIOR FILING DATE: 2001-05-09
; PRIOR APPLICATION NUMBER: PCT/US00/14471
; PRIOR FILING DATE: 2000-05-25
; PRIOR APPLICATION NUMBER: 09/326,186
; PRIOR FILING DATE: 1999-06-04

; PRIOR APPLICATION NUMBER: 08/777,266
; PRIOR FILING DATE: 1996 12 31
; NUMBER OF SEQ ID NOS: 444
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 126
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-444-206-126

Query Match 4.6%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 765 GCCTCCACTTCTGAG 779
Db 2 GACTCCACTTCTGAG 16
|||||

RESULT 796
US-10-641-962-126
; Sequence 126, Application US/10641962
; GENERAL INFORMATION:
; APPLICANT: Bennett et al.
; TITLE OF INVENTION: Oligonucleotide Compositions and Methods for the
; FILE REFERENCE: 30566/39578
; CURRENT APPLICATION NUMBER: US/10/641,962
; CURRENT FILING DATE: 2003-08-15
; NUMBER OF SEQ ID NOS: 444
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 126
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic primer
US-10-641-962-126

Query Match 4.6%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 765 GCCTCCACTTCTGAG 779
Db 2 GACTCCACTTCTGAG 16
|||||

RESULT 797
PCT-US02-18049-33/c
; Sequence 33, Application PC/TUS0218049
; GENERAL INFORMATION:
; APPLICANT: Mikesell, Glen E.
; APPLICANT: Shen, Henry
; TITLE OF INVENTION: B7-RELATED NUCLEIC ACIDS AND POLYPEPTIDES USEFUL FOR IMMUNOMODULA
; FILE REFERENCE: D0011 CIP PCT
; CURRENT APPLICATION NUMBER: PCT/US02/18049
; CURRENT FILING DATE: 2002-08-06
; PRIOR APPLICATION NUMBER: 10/077,023
; PRIOR FILING DATE: 2002-02-15
; PRIOR APPLICATION NUMBER: PCT/US01/18257
; PRIOR FILING DATE: 2001-06-06
; PRIOR APPLICATION NUMBER: US 09/875,338
; PRIOR FILING DATE: 2001-06-06
; PRIOR APPLICATION NUMBER: US 60/272,107
; PRIOR FILING DATE: 2001-02-28
; PRIOR APPLICATION NUMBER: US 60/209,811
; PRIOR FILING DATE: 2000-06-06
; NUMBER OF SEQ ID NOS: 88
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 33

```

; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
PCT-US02-18049-33

Query Match          4.6%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 4.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 922 TCACCACACACCTCCAGA 939
Db 18 TCACCATCACACCCAGA 1

RESULT 798
PCT-US03-29294A-62
; Sequence 62, Application PC/TUS0329294A
; GENERAL INFORMATION:
; APPLICANT: Vickers, Timothy
; APPLICANT: Koo, Seongjoon
; APPLICANT: Bennett, C. Frank
; APPLICANT: Crooke, Stanley T.
; APPLICANT: Dean, Nicholas M.
; APPLICANT: Baker, Brenda F.
; TITLE OF INVENTION: Efficient Reduction of Target RNA's by Single- and
; TITLE OF INVENTION: Double-Stranded Oligomeric Compounds
; FILE REFERENCE: ISIS0001-500 (CORE00027WO)
; CURRENT APPLICATION NUMBER: PCT/US03/29294A
; CURRENT FILING DATE: 2003-09-18
; PRIOR APPLICATION NUMBER: US 60/411,780
; PRIOR FILING DATE: 2002-09-18
; NUMBER OF SEQ ID NOS: 121
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 62
; LENGTH: 18
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide
; FEATURE:
; NAME/KEY: misc.feature
; LOCATION: (1)..(4)
; OTHER INFORMATION: 2'-O-methoxyethyl substituted bases
; FEATURE:
; NAME/KEY: misc.feature
; LOCATION: (15)..(18)
; OTHER INFORMATION: 2'-O-methoxyethyl substituted bases
PCT-US03-29294A-62

Query Match          4.6%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 4.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 819 GGTGGCTGTGCTCTTT 836
Db 1 GGTGGCTTGTCTTTAT 18

RESULT 799
PCT-US03-41492-33
; Sequence 33, Application PC/TUS0341492
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: C. Frank Bennett
; APPLICANT: Brenda F. Baker
; APPLICANT: Tim Vickers
; TITLE OF INVENTION: MODULATION OF PTEN EXPRESSION VIA OLIGOMERIC COMPOUNDS
; FILE REFERENCE: ISIS0004-S03WO
; CURRENT APPLICATION NUMBER: PCT/US03/41492
; CURRENT FILING DATE: 2003-12-30

; PRIOR FILING DATE: 2003-01-03
; NUMBER OF SEQ ID NOS: 90
; SEQ ID NO 33
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide
PCT-US03-41492-33

Query Match          4.6%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 4.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 819 GGTGGCTGTGCTCTTT 836
Db 1 GGTGGCTTGTCTTTAT 18

RESULT 800
PCT-US99-29594-33
; Sequence 33, Application PC/TUS9929594
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowser
; APPLICANT: ISIS PHARMACEUTICALS, INC.
; TITLE OF INVENTION: ANTISENSE MODULATION OF PTEN EXPRESSION
; FILE REFERENCE: RISP-0035
; CURRENT APPLICATION NUMBER: PCT/US99/29594
; CURRENT FILING DATE: 1999-12-14
; EARLIER APPLICATION NUMBER: US 09/358,381
; EARLIER FILING DATE: 1999-07-21
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 33
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
PCT-US99-29594-33

Query Match          4.6%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 4.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 819 GGTGGCTGTGCTCTTT 836
Db 1 GGTGGCTTGTCTTTAT 18

RESULT 801
US-09-875-338-50/c
; Sequence 50, Application US/09875338
; GENERAL INFORMATION:
; APPLICANT: MIKESSELL, GLEN E.
; APPLICANT: CHANG, HAN
; APPLICANT: FINGER, JOSHUA N.
; APPLICANT: YANG, GUCHEN
; APPLICANT: LU, PIN
; APPLICANT: ZHOU, XIA-DI
; APPLICANT: PEACH, ROBERT
; TITLE OF INVENTION: B7-RELATED NUCLEIC ACIDS AND POLYPEPTIDES USEFUL FOR
; TITLE OF INVENTION: IMMUNOMODULATION
; FILE REFERENCE: 3053-4071US2
; CURRENT APPLICATION NUMBER: US/09/875,338
; CURRENT FILING DATE: 2001-06-06
; PRIOR APPLICATION NUMBER: 60/272,107
; PRIOR FILING DATE: 2001-02-28
; PRIOR APPLICATION NUMBER: 60/209,811
; PRIOR FILING DATE: 2000-06-06
; NUMBER OF SEQ ID NOS: 94
; SOFTWARE: Patentin Ver. 2.1

```

```

; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-875-338-50

Query Match          4.6%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 4.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 922 TCACCACCACTCCAG 939
    ||||| ||||| |||||
Db 18 TCACCATCACACCCAGA 1

RESULT 802
US-09-878-582-33
; Sequence 33, Application US/09878582
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Robert McKay
; TITLE OF INVENTION: ANTISENSE MODULATION OF PTEN EXPRESSION
; FILE REFERENCE: ISPH-0463
; CURRENT APPLICATION NUMBER: US/09/878,582
; PRIOR FILING DATE: 2001-06-11
; PRIOR APPLICATION NUMBER: 09/577,902
; PRIOR FILING DATE: 2000-05-24
; PRIOR APPLICATION NUMBER: US 09/358,381
; PRIOR FILING DATE: 1999-07-21
; PRIOR APPLICATION NUMBER: PCT/US99/29594,
; PRIOR FILING DATE: 1999-12-14
; NUMBER OF SEQ ID NOS: 51
; SEQ ID NO 33
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-878-582-33

Query Match          4.6%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 4.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 819 GGTGGCTGTGTCCTTT 836
    ||||| ||||| |||||
Db 1 GGTGGCTTGTCTTTAT 18

RESULT 803
US-10-014-012-161/c
; Sequence 161, Application US/10014012
; GENERAL INFORMATION:
; APPLICANT: Bowdish, Katherine S.
; APPLICANT: Frederickson, Shana
; APPLICANT: Lin, Ying-Chi
; APPLICANT: McWhirter, John
; APPLICANT: Maruyama, Toshiaki
; TITLE OF INVENTION: NESTED OLIGONUCLEOTIDES CONTAINING A HAIRPIN FOR NUCLEIC ACID
; FILE REFERENCE: 1087-35
; CURRENT APPLICATION NUMBER: US/10/014,012
; CURRENT FILING DATE: 2001-12-10
; PRIOR APPLICATION NUMBER: US 60/254,669
; PRIOR FILING DATE: 2000-12-11
; PRIOR APPLICATION NUMBER: US 60/323,400
; PRIOR FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 231
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 161
; LENGTH: 18

```

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; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; OTHER INFORMATION: boundary oligonucleotide
US-10-014-012-161

Query Match          4.6%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 4.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 849 ACAGCTCTGCTCCAG 866
    ||||| ||||| |||||
Db 18 ACAGGCTCTGGGCCAG 1

RESULT 804
US-10-077-023-50/c
; Sequence 50, Application US/10077023
; GENERAL INFORMATION:
; APPLICANT: MIKESSELL, GLEN E.
; APPLICANT: CHANG, HAN
; APPLICANT: FINGER, JOSHUA N.
; APPLICANT: YANG, GUCHEN
; APPLICANT: LU, PIN
; APPLICANT: ZHOU, XIA-DI
; APPLICANT: PEACH, ROBERT
; TITLE OF INVENTION: B7-RELATED NUCLEIC ACIDS AND POLYPEPTIDES USEFUL FOR
; FILE REFERENCE: 3053-4071US3
; CURRENT APPLICATION NUMBER: US/10/077,023
; CURRENT FILING DATE: 2002-02-15
; PRIOR APPLICATION NUMBER: 60/272,107
; PRIOR FILING DATE: 2001-02-28
; PRIOR APPLICATION NUMBER: 60/209,811
; PRIOR FILING DATE: 2000-06-06
; NUMBER OF SEQ ID NOS: 138
; SOFTWARE: Patent in Ver. 2.1
; SEQ ID NO 50
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-077-023-50

Query Match          4.6%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 4.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 922 TCACCACCACTCCAG 939
    ||||| ||||| |||||
Db 18 TCACCATCACACCCAGA 1

RESULT 805
US-10-239-595-7
; Sequence 7, Application US/10239595
; GENERAL INFORMATION:
; APPLICANT: Seidman, Michael M
; APPLICANT: Majumdar, Alokes
; TITLE OF INVENTION: ESTABLISHMENT OF CELLULAR MANIPULATIONS WHICH ENHANCE OLIGO-MEDIA
; FILE REFERENCE: 4239-63915
; CURRENT APPLICATION NUMBER: US/10/239,595
; CURRENT FILING DATE: 2002-09-23
; PRIOR APPLICATION NUMBER: PCT/US01/09218
; PRIOR FILING DATE: 2001-03-22
; PRIOR APPLICATION NUMBER: US 60/191,996
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 7
; LENGTH: 18

```

TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic
FEATURE:
NAME/KEY: misc_feature
LOCATION: (1)..(2)
OTHER INFORMATION: The residue between C at position 1 and T at position 2 is pyrene
US-10-239-595-7

Query Match 4.6%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 4.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 825 CTGTCTCTCTCTCTCTCT 842
DB 1 CTCTCTCTCTCTCTCTCT 18

RESULT 806
US-10-287-822-4145
; Sequence 4145, Application US/10287822
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Synchocystis PCC6803 complete genome.
; FILE REFERENCE: Jim Zeeger Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/287,822
; CURRENT FILING DATE: 2002-11-05
; NUMBER OF SEQ ID NOS: 5726
; SOFTWARE: Proprietary
; SEQ ID NO 4145
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Synchocystis PCC6803 complete genome.
; FEATURE:
; LOCATION: (2473542)...(2473559)
; OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectronObjectNumber = 5436
US-10-287-822-4145

Query Match 4.6%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 4.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 961 AAATTGACCTCTCTAAATC 978
DB 1 AAATTGACCTCTCTAAAGC 18

RESULT 807
US-10-287-822A-4145
; Sequence 4145, Application US/10287822A
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Synchocystis PCC6803 complete genome.
; FILE REFERENCE: Jim Zeeger Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/287,822A
; CURRENT FILING DATE: 2002-11-05
; NUMBER OF SEQ ID NOS: 5726
; SOFTWARE: Proprietary
; SEQ ID NO 4145
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Synchocystis PCC6803 complete genome.
; FEATURE:
; LOCATION: (2473542)...(2473559)
; OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectronObjectNumber = 5436
US-10-287-822A-4145

Query Match 4.6%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 4.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 961 AAATTGACCTCTCTAAATC 978

DB 1 AAATTGACCTCTAAAGC 18

RESULT 808
US-10-293-338-6753/c
; Sequence 6753, Application US/10293338
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY GENES AND
; FILE REFERENCE: 45282
; CURRENT APPLICATION NUMBER: US/10/293,338
; CURRENT FILING DATE: 2002-11-14
; NUMBER OF SEQ ID NOS: 8785
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 6753
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-293-338-6753

Query Match 4.6%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 4.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 858 TGGCTCCAGTTGGAACAC 875
DB 18 TGGCTACAGTTGAACCC 1

RESULT 809
US-10-303-778-730/c
; Sequence 730, Application US/10303778
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL
; FILE REFERENCE: 47416
; CURRENT APPLICATION NUMBER: US/10/303,778
; CURRENT FILING DATE: 2002-11-26
; NUMBER OF SEQ ID NOS: 17608
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 730
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-303-778-730

Query Match 4.6%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 4.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 785 CCCTCTGGTGCACAG 802
DB 18 CCCTCTGGTGTCCAG 1

RESULT 810
US-10-310-188-22115/c
; Sequence 22115, Application US/10310188
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENES
; FILE REFERENCE: 47487
; CURRENT APPLICATION NUMBER: US/10/310,188
; CURRENT FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 86841
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 22115
; LENGTH: 18
; TYPE: DNA
US-10-310-188-22115


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; ORGANISM: Homo sapiens
US-10-310-188-22115

Query Match          4.6%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 4.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      857 CTGGCTCCAGTTGGAAAC 874
      ||||| ||||| ||||| |||||
Db      18 CTGGTCCAACTTGGNACA 1

RESULT 811
US-10-310-188-56369/c
; Sequence 56369, Application US/10310188
; GENERAL INFORMATION:
; APPLICANT: Rosettagemonics
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENE
; FILE REFERENCE: 47487
; CURRENT APPLICATION NUMBER: US/10/310,188
; CURRENT FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 86841
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 56369
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-310-188-56369

Query Match          4.6%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 4.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      912 CAGATTATCATCACCACC 929
      ||||| ||||| ||||| |||||
Db      18 CAGAGCATCATCAGCACC 1

RESULT 812
US-10-310-188-65275
; Sequence 65275, Application US/10310188
; GENERAL INFORMATION:
; APPLICANT: Rosettagemonics
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENE
; FILE REFERENCE: 47487
; CURRENT APPLICATION NUMBER: US/10/310,188
; CURRENT FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 86841
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 65275
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-310-188-65275

Query Match          4.6%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 4.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      745 TAGGTCCTCCAGGTCCTT 762
      ||||| ||||| ||||| |||||
Db      1 TAGGTCCTCCAGAGCCAT 18

RESULT 813
US-10-310-188-66018/c
; Sequence 66018, Application US/10310188
; GENERAL INFORMATION:
; APPLICANT: Rosettagemonics
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENE
; FILE REFERENCE: 47487
; CURRENT APPLICATION NUMBER: US/10/310,188
; CURRENT FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 86841
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 66018
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-310-188-66018
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; FILE REFERENCE: 47487
; CURRENT APPLICATION NUMBER: US/10/310,188
; CURRENT FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 86841
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 66018
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-310-188-66018

Query Match          4.6%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 4.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      764 GGCTCCCACTTCTGAGGG 781
      ||||| ||||| ||||| |||||
Db      18 GGCTCTCTCTTCCAGGG 1

RESULT 814
US-10-336-213B-33
; Sequence 33, Application US/10336213B
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowsett
; APPLICANT: Robert McKay
; APPLICANT: Tim Vickers
; TITLE OF INVENTION: ANTISENSE MODULATION OF PTEN EXPRESSION
; FILE REFERENCE: ISIS0004-100
; CURRENT APPLICATION NUMBER: US/10/336,213B
; CURRENT FILING DATE: 2003-01-03
; PRIOR APPLICATION NUMBER: US 60/411,780
; PRIOR FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: US 09/878,582
; PRIOR FILING DATE: 2001-06-11
; PRIOR APPLICATION NUMBER: US 09/577,902
; PRIOR FILING DATE: 2000-05-24
; PRIOR APPLICATION NUMBER: PCT/US99/29594
; PRIOR FILING DATE: 1999-12-14
; PRIOR APPLICATION NUMBER: US 09/358,381
; PRIOR FILING DATE: 1999-07-21
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 33
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide
US-10-336-213B-33

Query Match          4.6%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 4.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      819 GGTGGCTGTGCTCTTT 836
      ||||| ||||| ||||| |||||
Db      1 GGTGGCTTGTCTTTAT 18

RESULT 815
US-10-349-143-9283
; Sequence 9283, Application US/10349143
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
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; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
 ; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
 ; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
 ; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
 ; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
 ; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
 ; NUMBER OF SEQ ID NOS: 11796
 ; SEQ ID NO 9283
 ; LENGTH: 18
 ; TYPE: DNA
 ; ORGANISM: Homo Sapiens
 ; FEATURE:
 ; NAME/KEY: primer_bind
 ; LOCATION: 1..18
 ; OTHER INFORMATION: downstream amplification primer 99-24275 for SEQ 1418, in complement
 US-10-349-143-9283

Query Match 4.6%; Score 13.2; DB 1; Length 18;
 Best Local Similarity 83.3%; Pred. No. 4.8e+02;
 Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 915 ATTATCATCACCACCACC 932
 DB 1 ATTGACATCACCACCAAC 18

RESULT 816
 US-10-388-263-853
 ; Sequence 853, Application US/10388263
 ; GENERAL INFORMATION:
 ; APPLICANT: Cowsett, Lex M.
 ; APPLICANT: Baker, Brenda F.
 ; APPLICANT: McNeill, John
 ; APPLICANT: Freier, Susan M.
 ; APPLICANT: Sasmor, Henri M.
 ; APPLICANT: Brooks, Douglas G.
 ; APPLICANT: Ohashi, Cara
 ; APPLICANT: Wyatt, Jacqueline R.
 ; APPLICANT: Borchers, Alexander
 ; APPLICANT: Vickers, Timothy A.
 ; TITLE OF INVENTION: IDENTIFICATION OF GENETIC TARGETS FOR
 ; MODULATION BY OLIGONUCLEOTIDES AND
 ; TITLE OF INVENTION: GENERATION OF OLIGONUCLEOTIDES FOR GENE MODULATION
 ; FILE REFERENCE: ISIS-4503
 ; CURRENT APPLICATION NUMBER: US/10/388,263
 ; CURRENT FILING DATE: 2003-03-12
 ; NUMBER OF SEQ ID NOS: 947
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 853
 ; LENGTH: 18
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Antisense Oligonucleotide
 US-10-388-263-853

Query Match 4.6%; Score 13.2; DB 1; Length 18;
 Best Local Similarity 83.3%; Pred. No. 4.8e+02;
 Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 819 GGTGGCTGTGTCTTT 836
 DB 1 GGTGGCTTGTCTTAT 18

RESULT 817
 US-10-628-109-161/c
 ; Sequence 161, Application US/10628109
 ; GENERAL INFORMATION:
 ; APPLICANT: Bowdish, Katherine S.
 ; APPLICANT: Frederickson, Shana
 ; APPLICANT: Lin, Ying-Chi
 ; APPLICANT: McWhirter, John

; APPLICANT: Maruyama, Toshiaki
 ; TITLE OF INVENTION: NESTED OLIGONUCLEOTIDES CONTAINING A HAIRPIN FOR NUCLEIC ACID
 ; TITLE OF INVENTION: AMPLIFICATION
 ; FILE REFERENCE: 1087-35 DIV
 ; CURRENT APPLICATION NUMBER: US/10/628,109
 ; CURRENT FILING DATE: 2003-07-28
 ; PRIOR APPLICATION NUMBER: US 60/254,669
 ; PRIOR FILING DATE: 2000-12-11
 ; PRIOR APPLICATION NUMBER: US 60/323,400
 ; PRIOR FILING DATE: 2001-09-19
 ; PRIOR APPLICATION NUMBER: US 10/014,012
 ; PRIOR FILING DATE: 2001-12-10
 ; NUMBER OF SEQ ID NOS: 231
 ; SOFTWARE: PatentIn version 3.2
 ; SEQ ID NO 161
 ; LENGTH: 18
 ; TYPE: DNA
 ; ORGANISM: artificial sequence
 ; FEATURE:
 ; OTHER INFORMATION: boundary oligonucleotide
 US-10-628-109-161

Query Match 4.6%; Score 13.2; DB 1; Length 18;
 Best Local Similarity 83.3%; Pred. No. 4.8e+02;
 Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 849 ACAGCGTCTGCTCCAG 866
 DB 18 ACAGGGTCTGGGCCAG 1

RESULT 818
 US-10-735-308-7
 ; Sequence 7, Application US/10735308
 ; GENERAL INFORMATION:
 ; APPLICANT: Snaidr, Jiri
 ; APPLICANT: Beimehr, Claudia
 ; TITLE OF INVENTION: METHOD FOR SPECIFIC FAST DETECTION OF
 ; THREADLIKE BACTERIA
 ; FILE REFERENCE: MAIWAM4.004C1
 ; CURRENT APPLICATION NUMBER: US/10/735,308
 ; CURRENT FILING DATE: 2003-12-11
 ; PRIOR APPLICATION NUMBER: PCT/EP02/06467
 ; PRIOR FILING DATE: 2002-06-12
 ; NUMBER OF SEQ ID NOS: 42
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 7
 ; LENGTH: 18
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Oligonucleotide
 US-10-735-308-7

Query Match 4.6%; Score 13.2; DB 1; Length 18;
 Best Local Similarity 83.3%; Pred. No. 4.8e+02;
 Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 927 ACCACCTCCAGAGATT 944
 DB 1 ACCTACCTCCAGAGCATT 18

RESULT 819
 PCT-US02-25943-9059/c
 ; Sequence 9059, Application PCT/TUS0225943
 ; GENERAL INFORMATION:
 ; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
 ; TITLE OF INVENTION: Pseudomonas aeruginosa PA01, complete genome.
 ; FILE REFERENCE: Jim Zeeger Law Offices - 703-684-8333
 ; CURRENT APPLICATION NUMBER: PCT/US02/25943
 ; CURRENT FILING DATE: 2002-08-27
 ; NUMBER OF SEQ ID NOS: 64158

; SOFTWARE: Proprietary
; SEQ ID NO 9059
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Pseudomonas aeruginosa PA01, complete genome.
; FEATURE:
; LOCATION: (873779)...(873797)
; OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectonObjectNumber = 9731
PCT-US02-25943-9059

Query Match 4.6%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 5.1e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 748 GGTCCAGGCGTCCCTAGG 765
19 GGTCCAGGCGTCCGAGG 2

Db

RESULT 820
PCT-US03-04448-24/c
; Sequence 24, Application PC/TUS0304448
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Checkpoint Kinase-1
; FILE REFERENCE: (CHK-1) Gene Expression using Short Interfering RNA
; CURRENT APPLICATION NUMBER: PCT/US03/04448
; CURRENT FILING DATE: 2003-02-13
; PRIOR APPLICATION NUMBER: US 60/401,093
; PRIOR FILING DATE: 2002-08-05
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2002-01-15
; NUMBER OF SEQ ID NOS: 276
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 24
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense r
PCT-US03-04448-24

Query Match 4.6%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 5.1e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 801 AGCTCTCTCCAACTCAG 818
19 AGCTCTCTCCACTACAG 2

Db

RESULT 821
PCT-US03-04448-136
; Sequence 136, Application PC/TUS0304448
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid

; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Checkpoint Kinase-1
; FILE REFERENCE: (CHK-1) Gene Expression using Short Interfering RNA
; CURRENT APPLICATION NUMBER: PCT/US03/04448
; CURRENT FILING DATE: 2003-02-13
; PRIOR APPLICATION NUMBER: US 60/401,093
; PRIOR FILING DATE: 2002-08-05
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2002-01-15
; NUMBER OF SEQ ID NOS: 276
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 136
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
PCT-US03-04448-136

Query Match 4.6%; Score 13.2; DB 1; Length 19;
Best Local Similarity 66.7%; Pred. No. 5.1e+02;
Matches 12; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

Qy 801 AGCTCTCTCCAACTCAG 818
19 AGCTCTCTCCACTACAG 18

Db

RESULT 822
PCT-US03-04741-50/c
; Sequence 50, Application PC/TUS0304741
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of TNF and TNF Receptor
; FILE REFERENCE: (CHK-1) Gene Expression using Short Interfering Nucleic Acid
; CURRENT APPLICATION NUMBER: PCT/US03/04741
; CURRENT FILING DATE: 2002-02-12
; PRIOR APPLICATION NUMBER: US 60/429,359
; PRIOR FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 500
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 50
; LENGTH: 19

```
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense re
PCT-US03-04741-50

Query Match
Best Local Similarity 4.6%; Score 13.2; DB 1; Length 19;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 759 CCTAGGCTCCACTTCT 776
Db 18 CCTAAGCCCCCAATTCT 1

RESULT 823
PCT-US03-04741-138
; Sequence 138, Application PC/TUS0304741
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of TNF and TNF Receptor
; TITLE OF INVENTION: Superfamily Gene Expression Using Short Interfering Nucleic Acid
; TITLE OF INVENTION: (siNA)
; FILE REFERENCE: 400/100 (MEHB02-1236-A)
; CURRENT APPLICATION NUMBER: PCT/US03/04741
; CURRENT FILING DATE: 2002-02-12
; PRIOR APPLICATION NUMBER: US 60/429,359
; PRIOR FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 500
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 138
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
PCT-US03-04741-138

Query Match
Best Local Similarity 4.6%; Score 13.2; DB 1; Length 19;
Matches 11; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

QY 759 CCTAGGCTCCACTTCT 776
Db 2 CCUAAGCCCCCAUUCU 19

RESULT 824
PCT-US03-04907-161/c
; Sequence 161, Application PC/TUS0304907
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; APPLICANT: Usman, Nassim
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Gastric Inhibitory
; TITLE OF INVENTION: Polypeptide (GIP) Gene Expression Using Short Interfering Nuclei
```

```
; TITLE OF INVENTION: Acid (siNA)
; FILE REFERENCE: 400/088 (MEHB03-061)
; CURRENT APPLICATION NUMBER: PCT/US03/04907
; CURRENT FILING DATE: 2003-02-18
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 384
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 161
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense re
PCT-US03-04907-161

Query Match
Best Local Similarity 4.6%; Score 13.2; DB 1; Length 19;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 736 AGGACTTGTTAGGTCCTCC 753
Db 19 AGGCCCTGGAGGTCCTCC 2

RESULT 825
PCT-US03-04907-274
; Sequence 274, Application PC/TUS0304907
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; APPLICANT: Usman, Nassim
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Gastric Inhibitory
; TITLE OF INVENTION: Polypeptide (GIP) Gene Expression Using Short Interfering Nuclei
; TITLE OF INVENTION: Acid (siNA)
; FILE REFERENCE: 400/088 (MEHB03-061)
; CURRENT APPLICATION NUMBER: PCT/US03/04907
; CURRENT FILING DATE: 2003-02-18
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 384
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 274
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
```

Qy 804 TCTCTCCAACCTCAGGGT 821
||| ||| ||| ||| ||| ||| ||| |||
Db 19 TCTCTTCCAATCACGGT 2

```

; LENGTH: 19 base pairs
; TYPE: nucleic acid

```

```

; STRANDEDNESS: single
; TOPOLOGY: not relevant
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
PCT-US96-03117-10

Query Match          4.6%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 5.1e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 761 CTAGGCTCCACTTCTGA 778
   ||| ||| ||| ||| |||
Db 1 CTAGGCTCCACTCTCA 18

RESULT 830
US-08-190-199-68
; Sequence 68, Application US/08190199
; GENERAL INFORMATION:
; APPLICANT: EMBLETON, Michael J.
; APPLICANT: GOROCHEV, Guy
; APPLICANT: JONES, Peter T.
; APPLICANT: WINTER, Gregory P.
; TITLE OF INVENTION: TREATMENT OF CELL POPULATIONS
; NUMBER OF SEQUENCES: 68
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: CUSHMAN DARBY & CUSHMAN, L.L.P.
; STREET: 1100 New York Avenue, N.W.
; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20005-3918
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/190,199
; FILING DATE: 13-JUL-1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: GB 9117352.6
; FILING DATE: 10-AUG-1991
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: GB 9212419.7
; FILING DATE: 11-JUN-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/GB92/01483
; FILING DATE: 10-AUG-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: KOKULIS, Paul N.
; REGISTRATION NUMBER: 16,773
; REFERENCE/DOCKET NUMBER: 206398/C8386/M
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 861-3000
; TELEFAX: (202) 822-0944
; TELEX: 6714627CUSH
; INFORMATION FOR SEQ ID NO: 68:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-190-199-68

Query Match          4.6%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 5.1e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 752 CCAGGCTCCTAGGCTC 769

```

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Db 1 CCAGAGTCCCTTGCCCC 18

RESULT 831
US-08-399-986A-10
; Sequence 10, Application US/08399986A
; GENERAL INFORMATION:
; APPLICANT: Godwin, Andrew K.
; TITLE OF INVENTION: Novel Gene Associated with Suppression
; TITLE OF INVENTION: of Tumor Development
; NUMBER OF SEQUENCES: 35
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dann, Dorfman, Herrell and Skillman
; STREET: 1601 Market Street Suite 720
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103-2307
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/399,986A
; FILING DATE: 06-MAR-1995
; CLASSIFICATION: 530
; ATTORNEY/AGENT INFORMATION:
; NAME: Reed, Janet E.
; REGISTRATION NUMBER: 36,252
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 563-4100
; TELEFAX: (215) 563-4044
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: not relevant
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
US-08-399-986A-10

Query Match          4.6%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 5.1e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 761 CTAGGCTCCACTTCTGA 778
   ||| ||| ||| ||| |||
Db 1 CTAGGCTCCACTCTCA 18

RESULT 832
US-08-493-754-10
; Sequence 10, Application US/08493754
; GENERAL INFORMATION:
; APPLICANT: Godwin, Andrew K.
; TITLE OF INVENTION: Novel Gene Associated with Suppression
; TITLE OF INVENTION: of Tumor Development
; NUMBER OF SEQUENCES: 35
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dann, Dorfman, Herrell and Skillman
; STREET: 1601 Market Street
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103-2307
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS

```

```
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION NUMBER: US/08/493,754
; FILING DATE: 22-JUN-1995
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/399,986
; FILING DATE: 06-MAR-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Reed, Janet E.
; REGISTRATION NUMBER: 36,252
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 563-4100
; TELEFAX: (215) 563-4044
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: not relevant
; MOLECULE TYPE: DNA (genomic)
; HYPOTHEetical: NO
; ANTI-SENSE: YES
US-08-493-754-10
```

```
Query Match 4.6%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 5.1e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
Qy 761 CTAGGCTCCACTTCTGA 778
Db 1 CTAGGCTCCACTCTCA 18
|||||
```

RESULT 833

```
US-09-969-373-2896
; Sequence 2896, Application US/09969373
; GENERAL INFORMATION:
; APPLICANT: Effertz, Roger J.
; APPLICANT: Hauge, Brian M.
; TITLE OF INVENTION: Soybean SSRs and Methods of Genotyping
; FILE REFERENCE: 38-10(52679)A
; CURRENT APPLICATION NUMBER: US/09/969,373
; CURRENT FILING DATE: 2001-10-02
; PRIOR FILING DATE: 2001-01-05
; PRIOR FILING DATE: 2001-01-05
; PRIOR FILING DATE: 2001-01-13
; PRIOR FILING DATE: 2001-05-15
; NUMBER OF SEQ ID NOS: 4593
; SEQ ID NO 2896
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Glycine max
US-09-969-373-2896
```

```
Query Match 4.6%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 5.1e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
Qy 919 TCATCACACACCTCC 936
Db 1 TCATCACACCTCTTC 18
|||||
```

RESULT 834

```
US-10-049-957-13
; Sequence 13, Application US/10049957
; GENERAL INFORMATION:
; APPLICANT: KATO, Yukio
; APPLICANT: FUJIMOTO, Katsumi
; TITLE OF INVENTION: CHONDROGENESIS PROMOTERS
```

```
; FILE REFERENCE: KATO=21
; CURRENT APPLICATION NUMBER: US/10/049,957
; CURRENT FILING DATE: 2002-02-19
; PRIOR APPLICATION NUMBER: PCT/US00/05590
; PRIOR FILING DATE: 2000-08-21
; PRIOR APPLICATION NUMBER: JP 232966/1999
; PRIOR FILING DATE: 1999-08-19
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 13
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthetic
US-10-049-957-13
```

```
Query Match 4.6%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 5.1e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
Qy 798 AAGAGCTCTCTCCAACT 815
Db 2 AAGAGCTCTCTCTCTCT 19
|||||
```

RESULT 835

```
US-10-227-565-9059/c
; Sequence 9059, Application US/10227565
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Pseudomonas aeruginosa PA01, complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/227,565
; CURRENT FILING DATE: 2002-08-26
; NUMBER OF SEQ ID NOS: 64158
; SOFTWARE: Proprietary
; SEQ ID NO 9059
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Pseudomonas aeruginosa PA01, complete genome.
; LOCATION: (873779)...(873797)
; OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectonObjectNumber = 9731
US-10-227-565-9059
```

```
Query Match 4.6%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 5.1e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
Qy 748 GGTCCAGGTCCTCAGG 765
Db 19 GGTCCAGGTCCTCAGG 2
|||||
```

RESULT 836

```
US-10-266-090-51536
; Sequence 51536, Application US/10266090
; GENERAL INFORMATION:
; APPLICANT: GOFF, STEPHEN
; APPLICANT: BONAN, CAROLINE
; APPLICANT: COLBERT, MICHELLE
; APPLICANT: WANG, RONG-LIN
; TITLE OF INVENTION: CEREAL TRINUCLEOTIDE SIMPLE SEQUENCE
; FILE REFERENCE: NADII.058CI
; CURRENT APPLICATION NUMBER: US/10/266,090
; CURRENT FILING DATE: 2002-10-03
; PRIOR APPLICATION NUMBER: US 10/260,703
; PRIOR FILING DATE: 2002-09-26
; PRIOR APPLICATION NUMBER: US 60/326,117
; PRIOR FILING DATE: 2001-09-26
; NUMBER OF SEQ ID NOS: 51812
```

; SOFTWARE: FastSeq for Windows Version 4.0

; SEQ ID NO 51536

; LENGTH: 19

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: PCR PRIMER FOR SEQUENCE FROM ORYZA SATIVA

US-10-266-090-51536

Query Match

Best Local Similarity 4.6%; Score 13.2; DB 1; Length 19;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 921 ATCACCAACCACTTCAG 938

Db 2 AGCATCACCACTTCAG 19

RESULT 837

US-10-293-338-2786

; Sequence 2786, Application US/10293338

; GENERAL INFORMATION:

; APPLICANT: RosettaGenomics LTD

; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY GENES AND

; FILE REFERENCE: 45282

; CURRENT APPLICATION NUMBER: US/10/293,338

; NUMBER OF SEQ ID NOS: 8785

; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 2786

; LENGTH: 19

; TYPE: DNA

; ORGANISM: Homo sapiens

US-10-293-338-2786

Query Match

Best Local Similarity 4.6%; Score 13.2; DB 1; Length 19;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 760 CCTAGGCTCCACTCTG 777

Db 1 CCGGGGCTCCACTCTG 18

RESULT 838

US-10-303-778-10849/c

; Sequence 10849, Application US/10303778

; GENERAL INFORMATION:

; APPLICANT: RosettaGenomics

; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL

; FILE REFERENCE: 47416

; CURRENT APPLICATION NUMBER: US/10/303,778

; NUMBER OF SEQ ID NOS: 17608

; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 10849

; LENGTH: 19

; TYPE: DNA

; ORGANISM: Homo sapiens

US-10-303-778-10849

Query Match

Best Local Similarity 4.6%; Score 13.2; DB 1; Length 19;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 853 CGTCTGGCTCCAGTTGG 870

Db 19 CCGGCTGGCTCCAGTTGG 2

RESULT 839

US-10-310-188-2975/c

; Sequence 2975, Application US/10310188

; GENERAL INFORMATION:

; APPLICANT: RosettaGenomics

; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENES

; FILE REFERENCE: 47487

; CURRENT APPLICATION NUMBER: US/10/310,188

; CURRENT FILING DATE: 2002-12-19

; NUMBER OF SEQ ID NOS: 86841

; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 2975

; LENGTH: 19

; TYPE: DNA

; ORGANISM: Homo sapiens

US-10-310-188-2975

Query Match

Best Local Similarity 4.6%; Score 13.2; DB 1; Length 19;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 780 GGCAGCCCTCTGGTGC 797

Db 19 GGCAGCCCTTAGTGGC 2

RESULT 840

US-10-310-188-17330/c

; Sequence 17330, Application US/10310188

; GENERAL INFORMATION:

; APPLICANT: RosettaGenomics

; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENES

; FILE REFERENCE: 47487

; CURRENT APPLICATION NUMBER: US/10/310,188

; CURRENT FILING DATE: 2002-12-19

; NUMBER OF SEQ ID NOS: 86841

; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 17330

; LENGTH: 19

; TYPE: DNA

; ORGANISM: Homo sapiens

US-10-310-188-17330

Query Match

Best Local Similarity 4.6%; Score 13.2; DB 1; Length 19;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 826 TGTCTCTTTTCTCTC 843

Db 18 TGTCTCTTTCTCTC 1

RESULT 841

US-10-310-188-19066

; Sequence 19066, Application US/10310188

; GENERAL INFORMATION:

; APPLICANT: RosettaGenomics

; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENES

; FILE REFERENCE: 47487

; CURRENT APPLICATION NUMBER: US/10/310,188

; CURRENT FILING DATE: 2002-12-19

; NUMBER OF SEQ ID NOS: 86841

; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 19066

; LENGTH: 19

; TYPE: DNA

; ORGANISM: Homo sapiens

US-10-310-188-19066

Query Match

Best Local Similarity 4.6%; Score 13.2; DB 1; Length 19;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 802 GCTCTCTCCCAACTCAGG 819
| | | | | | | | | | | | | | | |
Db 1 GCTCTCTCTCTACTGGG 18

RESULT 842

US-10-310-188-20345/c

; Sequence 20345, Application US/10310188

; GENERAL INFORMATION:

; APPLICANT: RosettaGenomics

; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENE

; FILE REFERENCE: 47487

; CURRENT APPLICATION NUMBER: US/10/310,188

; CURRENT FILING DATE: 2002-12-19

; NUMBER OF SEQ ID NOS: 86841

; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 20345

; LENGTH: 19

; TYPE: DNA

; ORGANISM: Homo sapiens

US-10-310-188-20345

Query Match 4.6%; Score 13.2; DB 1; Length 19;

Best Local Similarity 83.3%; Pred. No. 5.1e+02;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 714 CCAGGAGAGTCACTCTGG 731
| | | | | | | | | | | | | | | |
Db 18 CCAGGAGAGAGGCCCTGG 1

RESULT 843

US-10-310-188-24537/c

; Sequence 24537, Application US/10310188

; GENERAL INFORMATION:

; APPLICANT: RosettaGenomics

; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENE

; FILE REFERENCE: 47487

; CURRENT APPLICATION NUMBER: US/10/310,188

; CURRENT FILING DATE: 2002-12-19

; NUMBER OF SEQ ID NOS: 86841

; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 24537

; LENGTH: 19

; TYPE: DNA

; ORGANISM: Homo sapiens

US-10-310-188-24537

Query Match 4.6%; Score 13.2; DB 1; Length 19;

Best Local Similarity 83.3%; Pred. No. 5.1e+02;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 751 CCCAGGGTCCCTAGGCTT 768
| | | | | | | | | | | | | | | |
Db 19 CCCGGGTCCCTAGGCTT 2

RESULT 844

US-10-310-188-26110/c

; Sequence 26110, Application US/10310188

; GENERAL INFORMATION:

; APPLICANT: RosettaGenomics

; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENE

; FILE REFERENCE: 47487

; CURRENT APPLICATION NUMBER: US/10/310,188

; CURRENT FILING DATE: 2002-12-19

; NUMBER OF SEQ ID NOS: 86841

; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 26110

; LENGTH: 19

; TYPE: DNA

; ORGANISM: Homo sapiens

US-10-310-188-26110

Query Match 4.6%; Score 13.2; DB 1; Length 19;

Best Local Similarity 83.3%; Pred. No. 5.1e+02;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 750 TCCAGGGTCCCTAGGCC 767
| | | | | | | | | | | | | | | |
Db 18 TCCAGGGTCCCGGCC 1

RESULT 845

US-10-310-188-34633/c

; Sequence 34633, Application US/10310188

; GENERAL INFORMATION:

; APPLICANT: RosettaGenomics

; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENE

; FILE REFERENCE: 47487

; CURRENT APPLICATION NUMBER: US/10/310,188

; CURRENT FILING DATE: 2002-12-19

; NUMBER OF SEQ ID NOS: 86841

; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 34633

; LENGTH: 19

; TYPE: DNA

; ORGANISM: Homo sapiens

US-10-310-188-34633

Query Match 4.6%; Score 13.2; DB 1; Length 19;

Best Local Similarity 83.3%; Pred. No. 5.1e+02;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 786 CCCTCTGGTCCCAAGAGC 803
| | | | | | | | | | | | | | | |
Db 19 CCCTCTGTCCCAAGAGC 2

RESULT 846

US-10-310-188-51017

; Sequence 51017, Application US/10310188

; GENERAL INFORMATION:

; APPLICANT: RosettaGenomics

; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENE

; FILE REFERENCE: 47487

; CURRENT APPLICATION NUMBER: US/10/310,188

; CURRENT FILING DATE: 2002-12-19

; NUMBER OF SEQ ID NOS: 86841

; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 51017

; LENGTH: 19

; TYPE: DNA

; ORGANISM: Homo sapiens

US-10-310-188-51017

Query Match 4.6%; Score 13.2; DB 1; Length 19;

Best Local Similarity 83.3%; Pred. No. 5.1e+02;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 791 TGGTGCCAAGAGCTCTCC 808
| | | | | | | | | | | | | | | |
Db 1 TGGTCTCAGAGCTCTCC 18

RESULT 847

US-10-310-188-57941

; Sequence 57941, Application US/10310188

; GENERAL INFORMATION:

; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENES
; FILE REFERENCE: 47487
; CURRENT APPLICATION NUMBER: US/10/310,188
; CURRENT FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 86841
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 57941
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-310-188-57941

Query Match 4.6%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 5.1e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 849 ACAGCGTCTGCTCCAG 866
DB 1 ACGGCGTCTGCTCCAG 18

RESULT 848
US-10-310-188-61917
; Sequence 61917, Application US/10310188
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENES
; FILE REFERENCE: 47487
; CURRENT APPLICATION NUMBER: US/10/310,188
; CURRENT FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 86841
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 61917
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-310-188-61917

Query Match 4.6%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 5.1e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 709 GAGTCCGAGGAGTGAC 726
DB 1 GAGGCCCTGAGAGTGAC 18

RESULT 849
US-10-310-188-63084
; Sequence 63084, Application US/10310188
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENES
; FILE REFERENCE: 47487
; CURRENT APPLICATION NUMBER: US/10/310,188
; CURRENT FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 86841
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 63084
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-310-188-63084

Query Match 4.6%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 5.1e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 860 GCTCCAGTTGGACACTT 877

Db 2 GTCCAGTTAGAAAGTT 19

RESULT 850
US-10-310-188-67928
; Sequence 67928, Application US/10310188
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENES
; FILE REFERENCE: 47487
; CURRENT APPLICATION NUMBER: US/10/310,188
; CURRENT FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 86841
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 67928
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-310-188-67928

Query Match 4.6%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 5.1e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 819 GGTTCGCTGCTCTCTTT 836
DB 2 GGTTCGCAATGCTCTGT 19

RESULT 851
US-10-310-188-69449/c
; Sequence 69449, Application US/10310188
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENES
; FILE REFERENCE: 47487
; CURRENT APPLICATION NUMBER: US/10/310,188
; CURRENT FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 86841
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 69449
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-310-188-69449

Query Match 4.6%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 5.1e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 920 CATCACCCACCTCCCA 937
DB 18 CACCACCCACTCACCA 1

RESULT 852
US-10-310-188-69453/c
; Sequence 69453, Application US/10310188
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENES
; FILE REFERENCE: 47487
; CURRENT APPLICATION NUMBER: US/10/310,188
; CURRENT FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 86841
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 69453
; LENGTH: 19
; TYPE: DNA
US-10-310-188-69453

Query Match 4.6%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 5.1e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 920 CATCACCCACCTCCCA 937

; ORGANISM: Homo sapiens
US-10-310-188-69453

Query Match 4.6%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 5.1e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 920 CATCACACACCTCCCA 937
DB 18 CACCACCACCAACCCCA 1

RESULT 853
US-10-333-429-216/c
; Sequence 216, Application US/10333429
; GENERAL INFORMATION:
; APPLICANT: GENSET
; TITLE OF INVENTION: Obesity Associated Biallelic Marker Maps
; FILE REFERENCE: G-083US02pCT
; CURRENT APPLICATION NUMBER: US/10/333,429
; CURRENT FILING DATE: 2003-01-17
; PRIOR APPLICATION NUMBER: PCT/IB01/01477
; PRIOR FILING DATE: 2001-06-28
; PRIOR APPLICATION NUMBER: US 60/219,704
; PRIOR FILING DATE: 2000-07-18
; NUMBER OF SEQ ID NOS: 579
; SOFTWARE: Patent.pm
; SEQ ID NO 216
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; NAME/KEY: primer_bind
; LOCATION: 1..19
; OTHER INFORMATION: upstream amplification primer 99-26997 for SEQ 45,
US-10-333-429-216

Query Match 4.6%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 5.1e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 826 TGTGTCCTTTTCTCTC 843
DB 18 TATGGTCTTTTCTCTC 1

RESULT 854
US-10-367-832A-9059/c
; Sequence 9059, Application US/10367832A
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Pseudomonas aeruginosa PA01, complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/367,832A
; CURRENT FILING DATE: 2002-08-26
; NUMBER OF SEQ ID NOS: 64158
; SOFTWARE: Proprietary
; SEQ ID NO 9059
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Pseudomonas aeruginosa PA01, complete genome.
; FEATURE:
; LOCATION: (873779)...(873797)
; OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectronObjectNumber = 9731
US-10-367-832A-9059

Query Match 4.6%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 5.1e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 748 GGTCCAGGGTCCCTAGG 765
DB 19 GGTTCAGGGTGCCGAGG 2

RESULT 855
US-10-444-925-261/c
; Sequence 261, Application US/10444925
; GENERAL INFORMATION:
; APPLICANT: Lewis, Stephen Patrick
; APPLICANT: Klinghoffer, Richard
; APPLICANT: Wilson, Linda K.
; TITLE OF INVENTION: MODULATION OF PTF1B SIGNAL TRANSDUCTION
; FILE REFERENCE: 200125.441
; CURRENT APPLICATION NUMBER: US/10/444,925
; CURRENT FILING DATE: 2003-05-23
; NUMBER OF SEQ ID NOS: 599
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 261
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Small interfering RNA
US-10-444-925-261

Query Match 4.6%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 5.1e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 804 TCTCTCCAACTCAGGGT 821
DB 19 TCTCTCCAAATCAGGT 2

RESULT 856
US-10-444-925-312/c
; Sequence 312, Application US/10444925
; GENERAL INFORMATION:
; APPLICANT: Lewis, Stephen Patrick
; APPLICANT: Klinghoffer, Richard
; APPLICANT: Wilson, Linda K.
; TITLE OF INVENTION: MODULATION OF PTF1B SIGNAL TRANSDUCTION
; FILE REFERENCE: 200125.441
; CURRENT APPLICATION NUMBER: US/10/444,925
; CURRENT FILING DATE: 2003-05-23
; NUMBER OF SEQ ID NOS: 599
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 312
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Small interfering RNA
US-10-444-925-312

Query Match 4.6%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 5.1e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 804 TCTCTCCAACTCAGGGT 821
DB 19 TCTCTCCAAATCAGGT 2

RESULT 857
US-10-444-925-561
; Sequence 561, Application US/10444925
; GENERAL INFORMATION:
; APPLICANT: Lewis, Stephen Patrick
; APPLICANT: Klinghoffer, Richard
; APPLICANT: Wilson, Linda K.
; TITLE OF INVENTION: MODULATION OF PTF1B SIGNAL TRANSDUCTION
; FILE REFERENCE: 200125.441
; CURRENT APPLICATION NUMBER: US/10/444,925
; CURRENT FILING DATE: 2003-05-23
; NUMBER OF SEQ ID NOS: 599
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 561
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Small interfering RNA
US-10-444-925-561

Query Match 4.6%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 5.1e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 804 TCTCTCCAACTCAGGGT 821
DB 19 TCTCTCCAAATCAGGT 2

```

; FILE REFERENCE: 200125.441
; CURRENT APPLICATION NUMBER: US/10/444,925
; CURRENT FILING DATE: 2003-05-23
; NUMBER OF SEQ ID NOS: 599
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 561
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Small interfering RNA
US-10-444-925-561

```

```
Query Match      4.6%; Score 13.2; DB 1; Length 19;
Best Local Similarity 61.1%; Pred. No. 5.1e+02;
Matches 11: Conservative 4; Mismatches 3; Indels 0; Gaps 0;
```

Qy 793 GTGCCAAGAGCTCTCCTC 810
| : | | | | | : | : |
pb 2 GUGCAAGGAGCUCUUC 19

```

RESULT 858
US-10-707-147-10977
; Sequence 10977, Application US/10707147
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL REGULATORY GENES AND
; TITLE OF INVENTION: USES THEREOF
; FILE REFERENCE: 49992
; CURRENT APPLICATION NUMBER: US/10/707,147
; CURRENT FILING DATE: 2003-11-24
; NUMBER OF SEQ ID NOS: 20189
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 10977
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-10-707-147-10977

```

```
Query Match      4.6%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 5.1e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

Qy 799 AGAGCTCTCTCTCCAATC 816
Db 2 AGGGCCCTCTTCCAATC 19

```

RESULT 859
US-60-216-745-12751
; Sequence 12751, Application US/60216745
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Iliya
; APPLICANT: Abderrahim, Hadi
; APPLICANT: Dufaufre-Gare, Isabelle
; TITLE OF INVENTION: BIALLELIC MARKER MAPS FOR USE IN CONSTRUCTING A HIGH DENSITY...
; FILE REFERENCE: 84.US1.PRO
; CURRENT APPLICATION NUMBER: US/60/216,745
; CURRENT FILING DATE: 2000-06-30
; NUMBER OF SEQ ID NOS: 13665
; SOFTWARE: Patent.pm
; SEQ ID NO 12751
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..19
; OTHER INFORMATION: downstream amplification primer 99-53702 for SEQ 3689, in comple

```

```
RESULT 862
PCT-US01-01416A-29
; Sequence 29, Application PC/TUS0101416A
; GENERAL INFORMATION:
; APPLICANT: Isis Pharmaceuticals, Inc.
; APPLICANT: Nicholas M. Dean
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF DAXX EXPRESSION
; FILE REFERENCE: RTSP-0099
; CURRENT APPLICATION NUMBER: PCT/US01/01416A
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: 09/490,692
; PRIOR FILING DATE: 2000-24-01
; NUMBER OF SEQ ID NOS: 176
; SEQ ID NO 29
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
PCT-US01-01416A-29

Query Match          4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      810 CCAACTCAGGTGCTG 827
      ||| ||||| ||| |||
Db       3 CCACCTCAGGTGCTG 20

RESULT 863
PCT-US01-06572A-81/c
; Sequence 81, Application PC/TUS0106572A
; GENERAL INFORMATION:
; APPLICANT: Isis Pharmaceuticals, Inc.
; APPLICANT: Ian Popoff
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF PARP EXPRESSION
; FILE REFERENCE: RTSP-0115
; CURRENT APPLICATION NUMBER: PCT/US01/06572A
; CURRENT FILING DATE: 2001-03-01
; PRIOR FILING DATE: 2000-03-02
; NUMBER OF SEQ ID NOS: 345
; SEQ ID NO 81
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
PCT-US01-06572A-81

Query Match          4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      717 GGAGATGACTCTGGTCA 734
      ||| ||||| ||| |||
Db       19 GGAGATTGACTATGGCCA 2

RESULT 864
PCT-US01-17936-10/c
; Sequence 10, Application PC/TUS0117936
; GENERAL INFORMATION:
; APPLICANT: The Brigham & Women's Hospital, Inc.
; TITLE OF INVENTION: FUSION OF JAZF1 AND JUJ21 GENES IN
; TITLE OF INVENTION: ENDOMETRIAL STROMAL TUMORS
; FILE REFERENCE: 05311-024W01
; CURRENT APPLICATION NUMBER: PCT/US01/17936

PCT-US01-01416A-29
; Sequence 29, Application PC/TUS0101416A
; GENERAL INFORMATION:
; APPLICANT: Isis Pharmaceuticals, Inc.
; APPLICANT: Nicholas M. Dean
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF DAXX EXPRESSION
; FILE REFERENCE: RTSP-0099
; CURRENT APPLICATION NUMBER: PCT/US01/01416A
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: 09/490,692
; PRIOR FILING DATE: 2000-24-01
; NUMBER OF SEQ ID NOS: 176
; SEQ ID NO 29
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
PCT-US01-01416A-29

Query Match          4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      810 CCAACTCAGGTGCTG 827
      ||| ||||| ||| |||
Db       3 CCACCTCAGGTGCTG 20

RESULT 865
PCT-US02-12063-157/c
; Sequence 157, Application PC/TUS0212063
; GENERAL INFORMATION:
; APPLICANT: SCHERING CORPORATION
; APPLICANT: GENOME THERAPEUTICS CORPORATION
; TITLE OF INVENTION: NOVEL HUMAN GENE RELATING TO RESPIRATORY DISEASES,
; TITLE OF INVENTION: OBESITY, AND INFLAMMATORY BOWEL DISEASE
; FILE REFERENCE: 2976-4039PC2
; CURRENT APPLICATION NUMBER: PCT/US02/12063
; CURRENT FILING DATE: 2002-04-15
; PRIOR FILING DATE: 2001-04-13
; PRIOR APPLICATION NUMBER: 09/834,597
; NUMBER OF SEQ ID NOS: 420
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 157
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
PCT-US02-12063-157

Query Match          4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      764 GGCTTCCACTTCTGAGG 781
      ||| ||||| ||| |||
Db       19 GGCTTCTACTCTGAGAG 2

RESULT 866
PCT-US02-12063-159/c
; Sequence 159, Application PC/TUS0212063
; GENERAL INFORMATION:
; APPLICANT: SCHERING CORPORATION
; APPLICANT: GENOME THERAPEUTICS CORPORATION
; TITLE OF INVENTION: NOVEL HUMAN GENE RELATING TO RESPIRATORY DISEASES,
; TITLE OF INVENTION: OBESITY, AND INFLAMMATORY BOWEL DISEASE
; FILE REFERENCE: 2976-4039PC2
; CURRENT APPLICATION NUMBER: PCT/US02/12063
; CURRENT FILING DATE: 2002-04-15
; PRIOR FILING DATE: 2001-04-13
; PRIOR APPLICATION NUMBER: 09/834,597
; NUMBER OF SEQ ID NOS: 420
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 159
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
```

FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Primer
PCT-US02-12063-159

Query Match 4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 764 GGCCTCCACTTCTGAGG 781
|||
DB 19 GGCCTCTACTCTGAGAG 2

RESULT 867

PCT-US02-14562-42
Sequence 42, Application PC/TUS0214562
GENERAL INFORMATION:
APPLICANT: AMBRY GENETICS CORPORATION
APPLICANT: DUNLOP, Charles, L.M.
APPLICANT: WEISEL, James, M.
TITLE OF INVENTION: APPROACHES TO IDENTIFY GENETIC TRAITS
FILE REFERENCE: CHARDUN, 001QPC
CURRENT APPLICATION NUMBER: PCT/US02/14562
CURRENT FILING DATE: 2002-05-06
PRIOR APPLICATION NUMBER: US 09/851,501
PRIOR FILING DATE: 2001-05-08
PRIOR APPLICATION NUMBER: PCT/US00/30493
PRIOR FILING DATE: 2000-11-03
PRIOR APPLICATION NUMBER: US 60/165,301
PRIOR FILING DATE: 1999-11-12
NUMBER OF SEQ ID NOS: 44
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 42
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Diagnostic Oligonucleotide
PCT-US02-14562-42

Query Match 4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 919 TCATCACCACCCCTCC 936
|||
DB 3 TCATCACCACCCCTCC 20

RESULT 868

PCT-US02-22423-45
Sequence 45, Application PC/TUS0222423
GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Susan M. Preier
APPLICANT: Isis Pharmaceuticals, Inc.
TITLE OF INVENTION: ANTISENSE MODULATION OF TRANSFORMING GROWTH FACTOR-BETA 3 EXPRESSION
FILE REFERENCE: RTP-0394
CURRENT APPLICATION NUMBER: PCT/US02/22423
CURRENT FILING DATE: 2002-07-12
PRIOR APPLICATION NUMBER: 09/906,158
PRIOR FILING DATE: 2001-07-14
NUMBER OF SEQ ID NOS: 168
SEQ ID NO 45
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
PCT-US02-22423-45

Query Match 4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.4e+02;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 834 TTTTCTTCTCTGAGACA 851
|||
DB 3 TTTTCTCCACTGAGGACA 20

RESULT 869

PCT-US02-22696-34
Sequence 34, Application PC/TUS0222696
GENERAL INFORMATION:
APPLICANT: Isis Pharmaceuticals, Inc.
APPLICANT: Rosanne M. Crooke
APPLICANT: Mark J. Graham
APPLICANT: Kristina M. Lemonidis
TITLE OF INVENTION: ANTISENSE MODULATION OF ACYL COENZYME A CHOLESTEROL ACYLTRANSFERASE
FILE REFERENCE: ISPH-0697
CURRENT APPLICATION NUMBER: PCT/US02/22696
CURRENT FILING DATE: 2002-07-17
PRIOR APPLICATION NUMBER: 09/920,394
PRIOR FILING DATE: 2001-08-01
NUMBER OF SEQ ID NOS: 62
SEQ ID NO 34
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
PCT-US02-22696-34

Query Match 4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 912 CAGATTATCATCACCACC 929
|||
DB 3 CAGATTATCATCACCATC 20

RESULT 870

PCT-US02-22799-96
Sequence 96, Application PC/TUS0222799
GENERAL INFORMATION:
APPLICANT: Isis Pharmaceuticals, Inc.
APPLICANT: Rosanne M. Crooke
APPLICANT: Mark J. Graham
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL TRIGLYCERIDE TRANSFER PROTEIN
FILE REFERENCE: ISPH-0696
CURRENT APPLICATION NUMBER: PCT/US02/22799
CURRENT FILING DATE: 2002-07-11
PRIOR APPLICATION NUMBER: 09/917,963
PRIOR FILING DATE: 2001-07-30
NUMBER OF SEQ ID NOS: 137
SEQ ID NO 96
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
PCT-US02-22799-96

Query Match 4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 916 TTATCATCACCACCACC 933
|||
DB 2 TTATCACCACAGCCACC 19

RESULT 871

PCT-US02-26285-37/c
; Sequence 37, Application PC/TUS0226285
; GENERAL INFORMATION:
; APPLICANT: Ginsburg, David
; APPLICANT: Levy, Gallia
; APPLICANT: Tsai, Han-Mou
; TITLE OF INVENTION: ADAMTS13 Genes and Proteins and Variants, and Uses Thereof
; FILE REFERENCE: UM-07288
; CURRENT APPLICATION NUMBER: PCT/US02/26285
; CURRENT FILING DATE: 2003-02-07
; PRIOR APPLICATION NUMBER: 60/312,834
; PRIOR FILING DATE: 2001-08-16
; NUMBER OF SEQ ID NOS: 78
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 37
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
PCT-US02-26285-37

Query Match 4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 883 AGATGCACCTTACTTCTCA 900
|||||
DB 18 AGATGCCCTCACTTCTGA 1

RESULT 872
PCT-US02-26368-37/c
; Sequence 37, Application PC/TUS0226368
; GENERAL INFORMATION:
; APPLICANT: Hess, John W.
; APPLICANT: Gould, Robert J.
; APPLICANT: Pettibone, Douglas J.
; TITLE OF INVENTION: TRANSGENIC RODENTS AS ANIMAL MODELS FOR
; TITLE OF INVENTION: MODULATION OF B1 BRADYKININ RECEPTOR PROTEIN
; FILE REFERENCE: 20945Y
; CURRENT APPLICATION NUMBER: PCT/US02/26368
; CURRENT FILING DATE: 2002-08-19
; PRIOR APPLICATION NUMBER: US 60/313,531
; PRIOR FILING DATE: 2001-08-20
; NUMBER OF SEQ ID NOS: 41
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 37
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide
PCT-US02-26368-37

Query Match 4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 869 GGAACACTTCTCGAGAT 886
|||||
DB 19 GGAACACGTCACCGAGAT 2

RESULT 873
PCT-US02-26368-39/c
; Sequence 39, Application PC/TUS0226368
; GENERAL INFORMATION:
; APPLICANT: Hess, John W.
; APPLICANT: Gould, Robert J.
; APPLICANT: Pettibone, Douglas J.
; TITLE OF INVENTION: TRANSGENIC RODENTS AS ANIMAL MODELS FOR
; TITLE OF INVENTION: MODULATION OF B1 BRADYKININ RECEPTOR PROTEIN

; FILE REFERENCE: 20945Y
; CURRENT APPLICATION NUMBER: PCT/US02/26368
; CURRENT FILING DATE: 2002-08-19
; PRIOR APPLICATION NUMBER: US 60/313,531
; PRIOR FILING DATE: 2001-08-20
; NUMBER OF SEQ ID NOS: 41
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 39
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide
PCT-US02-26368-39

Query Match 4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 869 GGAACACTTCTCGAGAT 886
|||||
DB 19 GGAACACGTCACCGAGAT 2

RESULT 874
PCT-US02-31373-318/c
; Sequence 318, Application PC/TUS0231373
; GENERAL INFORMATION:
; APPLICANT: Curagen Corporation
; APPLICANT: Smithson, Glenda
; APPLICANT: Millet, Isabelle
; APPLICANT: Peyman, John A.
; APPLICANT: Kekuda, Ramesh
; APPLICANT: Ju, Jingfang
; APPLICANT: Li, Li
; APPLICANT: Guo, Xiaojia (Sasha)
; APPLICANT: Patturajan, Meera
; APPLICANT: Spytek, Kimberly A.
; APPLICANT: Edinger, Shlomit R.
; APPLICANT: Ellerman, Karen
; APPLICANT: Malyankar, Uriel M.
; APPLICANT: Ort, Tatiana
; APPLICANT: Gorman, Linda
; APPLICANT: Zerhusen, Bryan D.
; APPLICANT: Anderson, David W.
; APPLICANT: Zhong, Mei
; APPLICANT: Catterton, Elina
; APPLICANT: Ji, Weizhen
; APPLICANT: Miller, Charles E.
; APPLICANT: Rastelli, Luca
; APPLICANT: Stone, David J.
; APPLICANT: Pena, Carol E. A.
; APPLICANT: Shenoy, Suresh G.
; APPLICANT: Shimkets, Richard A.
; APPLICANT: Rothenberg, Mark E.
; APPLICANT: Leach, Martin D.
; APPLICANT: Agee, Michele L.
; APPLICANT: Bergins, Constance
; TITLE OF INVENTION: NOVEL PROTEINS AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: 21402-462C-061
; CURRENT APPLICATION NUMBER: PCT/US02/31373
; CURRENT FILING DATE: 2003-09-28
; PRIOR APPLICATION NUMBER: 10/262,511
; PRIOR FILING DATE: 2002-10-01
; PRIOR APPLICATION NUMBER: 60/326,483
; PRIOR FILING DATE: 2001-10-02
; PRIOR APPLICATION NUMBER: 60/373,815
; PRIOR FILING DATE: 2002-04-19
; PRIOR APPLICATION NUMBER: 60/327,917
; PRIOR FILING DATE: 2001-10-09
; PRIOR APPLICATION NUMBER: 60/381,642
; PRIOR FILING DATE: 2002-05-17
; PRIOR APPLICATION NUMBER: 60/328,029

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; PRIOR FILING DATE: 2002-10-09
; PRIOR APPLICATION NUMBER: 60/381,038
; PRIOR FILING DATE: 2002-05-16
; PRIOR APPLICATION NUMBER: 60/328,056
; PRIOR FILING DATE: 2001-10-09
; PRIOR APPLICATION NUMBER: 60/373,260
; PRIOR FILING DATE: 2002-04-17
; PRIOR APPLICATION NUMBER: 60/373,826
; PRIOR FILING DATE: 2002-04-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 439
; SOFTWARE: CuraseqList version 0.1
; SEQ ID NO 318
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
PCT-US02-31373-318

```

```

Query Match          4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.4e-02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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```

QY 773 TTCTGAGGCGACCCCTC 790
Db 18 TTCTGAGGCGACACATC 1

```

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RESULT 875
PCT-US02-35117-28/c
; Sequence 28, Application PC/TUS0235117
; GENERAL INFORMATION:
; APPLICANT: Gould, Michael N.
; TITLE OF INVENTION: Methods of Generating Knock-Out Rodents
; FILE REFERENCE: 960296.98491
; CURRENT APPLICATION NUMBER: PCT/US02/35117
; CURRENT FILING DATE: 2002-10-31
; PRIOR APPLICATION NUMBER: 60/335,117
; PRIOR FILING DATE: 2001-10-31
; NUMBER OF SEQ ID NOS: 42
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 28
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:synthetic
PCT-US02-35117-28

```

```

Query Match          4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.4e-02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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```

QY 915 ATTATCATCACCACACC 932
Db 19 AGTATCAGCACCACCAGC 2

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RESULT 876
PCT-US03-12544A-49/c
; Sequence 49, Application PC/TUS0312544A
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF HYDROXYSTEROID
; FILE REFERENCE: ISIS0048-500
; CURRENT APPLICATION NUMBER: PCT/US03/12544A
; CURRENT FILING DATE: 2003-04-21
; PRIOR APPLICATION NUMBER: US 10/126,355
; PRIOR FILING DATE: 2002-04-19
; NUMBER OF SEQ ID NOS: 122

```

```

; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 49
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
PCT-US03-12544A-49

```

```

Query Match          4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.4e-02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

```

```

QY 840 TCTCTGAAGACGCGTCC 857
Db 19 TCTATGAAGACATCTTCC 2

```

```

RESULT 877
PCT-US03-20821-53
; Sequence 53, Application PC/TUS0320821
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF LIVIN EXPRESSION
; FILE REFERENCE: ISIS0037-500
; CURRENT APPLICATION NUMBER: PCT/US03/20821
; CURRENT FILING DATE: 2003-07-02
; PRIOR APPLICATION NUMBER: US 10/188,646
; PRIOR FILING DATE: 2002-07-02
; NUMBER OF SEQ ID NOS: 153
; SEQ ID NO 53
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
PCT-US03-20821-53

```

```

Query Match          4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.4e-02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

```

```

QY 786 CCCTCTGGTGCCCAAGAGC 803
Db 2 CCCACGGTCCCAAGAGC 19

```

```

RESULT 878
PCT-US03-20821-125/c
; Sequence 125, Application PC/TUS0320821
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF LIVIN EXPRESSION
; FILE REFERENCE: ISIS0037-500
; CURRENT APPLICATION NUMBER: PCT/US03/20821
; CURRENT FILING DATE: 2003-07-02
; PRIOR APPLICATION NUMBER: US 10/188,646
; PRIOR FILING DATE: 2002-07-02
; NUMBER OF SEQ ID NOS: 153
; SEQ ID NO 125
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
; OTHER INFORMATION:
PCT-US03-20821-125

```

```

Query Match          4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.4e-02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

```

```

QY 786 CCCTCTGGTGCCCAAGAGC 803

```


[illegible]

```
; FEATURE:
; OTHER INFORMATION: human ACS-1 antisense
PCT-US03-25389-2066

Query Match          4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 920 CATCACCACCCCTCCCA 937
Db 2 CACCACCACTACCGCCA 19

RESULT 884
PCT-US03-25389-2520
; Sequence 2520, Application PC/TUS0325389
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corporation
; TITLE OF INVENTION: Antisense Modulation Of Acyl-CoA Synthetase 1 Expression
; FILE REFERENCE: 01294/1/PCT
; CURRENT APPLICATION NUMBER: PCT/US03/25389
; CURRENT FILING DATE: 2003-08-14
; PRIOR APPLICATION NUMBER: 60/403,591
; PRIOR FILING DATE: 2002-08-14
; NUMBER OF SEQ ID NOS: 3624
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 2520
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: human ACS-1 antisense
PCT-US03-25389-2520

Query Match          4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 920 CATCACCACCCCTCCCA 937
Db 1 CACCACCACTACCGCCA 18

RESULT 885
PCT-US03-25389-2694
; Sequence 2694, Application PC/TUS0325389
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corporation
; TITLE OF INVENTION: Antisense Modulation Of Acyl-CoA Synthetase 1 Expression
; FILE REFERENCE: 01294/1/PCT
; CURRENT APPLICATION NUMBER: PCT/US03/25389
; CURRENT FILING DATE: 2003-08-14
; PRIOR APPLICATION NUMBER: 60/403,591
; PRIOR FILING DATE: 2002-08-14
; NUMBER OF SEQ ID NOS: 3624
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 2694
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: human ACS-1 antisense
PCT-US03-25389-2694

Query Match          4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 920 CATCACCACCCCTCCCA 937
Db 3 CACCACCACTACCGCCA 20

RESULT 886
PCT-US03-37493-35
; Sequence 35, Application PC/TUS0337493
; GENERAL INFORMATION:
; APPLICANT: ISIS Pharmaceuticals, Inc.
; APPLICANT: Ward, Donna T.
; APPLICANT: Dobie, Kenneth W.
; TITLE OF INVENTION: MODULATION OF CYTOKINE-INDUCIBLE KINASE EXPRESSION
; FILE REFERENCE: ISRT-1003
; CURRENT APPLICATION NUMBER: PCT/US03/37493
; CURRENT FILING DATE: 2003-11-21
; PRIOR APPLICATION NUMBER: US 10/304,116
; PRIOR FILING DATE: 2002-11-23
; NUMBER OF SEQ ID NOS: 140
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 35
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
PCT-US03-37493-35

Query Match          4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 781 GCAGCCCTCTGTGCCA 798
Db 2 GCAGCACTTCTGGAGCCA 19

RESULT 887
PCT-US03-37493-105/c
; Sequence 105, Application PC/TUS0337493
; GENERAL INFORMATION:
; APPLICANT: ISIS Pharmaceuticals, Inc.
; APPLICANT: Ward, Donna T.
; APPLICANT: Dobie, Kenneth W.
; TITLE OF INVENTION: MODULATION OF CYTOKINE-INDUCIBLE KINASE EXPRESSION
; FILE REFERENCE: ISRT-1003
; CURRENT APPLICATION NUMBER: PCT/US03/37493
; CURRENT FILING DATE: 2003-11-21
; PRIOR APPLICATION NUMBER: US 10/304,116
; PRIOR FILING DATE: 2002-11-23
; NUMBER OF SEQ ID NOS: 140
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 105
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
PCT-US03-37493-105

Query Match          4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 781 GCAGCCCTCTGTGCCA 798
Db 19 GCAGCACTTCTGGAGCCA 2

RESULT 888
PCT-US03-37621-119/c
; Sequence 119, Application PC/TUS0337621
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Colca, Jerry
; TITLE OF INVENTION: ANTISENSE MODULATION OF MITOCHONDRIAL EXPRESSION
; FILE REFERENCE: 01455.1 PCT
; CURRENT APPLICATION NUMBER: PCT/US03/37621
```

```

; CURRENT FILING DATE: 2003-11-25
; NUMBER OF SEQ ID NOS: 627
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 119
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: human mitONEET antisense
PCT-US03-37621-119

Query Match          4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 971 TCTAAATCTGGTGATGG 988
Db 20 TCTAAATCTGGTGATATTG 3

RESULT 889
PCT-US03-37621-140/c
; Sequence 140, Application PC/TUS0337621
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MITONEET EXPRESSION
; FILE REFERENCE: 01455.1_PCT
; CURRENT APPLICATION NUMBER: PCT/US03/37621
; CURRENT FILING DATE: 2003-11-25
; NUMBER OF SEQ ID NOS: 627
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 140
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: human mitONEET antisense
PCT-US03-37621-140

Query Match          4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 971 TCTAAATCTGGTGATGG 988
Db 19 TCTAAATCTGGTGATATTG 2

RESULT 890
PCT-US03-37621-205/c
; Sequence 205, Application PC/TUS0337621
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MITONEET EXPRESSION
; FILE REFERENCE: 01455.1_PCT
; CURRENT APPLICATION NUMBER: PCT/US03/37621
; CURRENT FILING DATE: 2003-11-25
; NUMBER OF SEQ ID NOS: 627
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 205
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: human mitONEET antisense
PCT-US03-37621-205

Query Match          4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 971 TCTAAATCTGGTGATGG 988
Db 18 TCTAAATCTGGTGATATTG 1

RESULT 891
PCT-US98-04987-31
; Sequence 31, Application PC/TUS9804987
; GENERAL INFORMATION:
; APPLICANT: SmithKline Beecham Corporation
; APPLICANT: Jonak, Zdenka L.
; APPLICANT: Johanson, Kyung O.
; APPLICANT: Taylor, Alexander H.
; TITLE OF INVENTION: Humanized Monoclonal Antibodies
; NUMBER OF SEQUENCES: 45
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SmithKline Beecham Corporation
; STREET: 709 Swedeland Road
; CITY: King of Prussia
; STATE: PA
; COUNTRY: USA
; ZIP: 19406-2799
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US98/04987
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/039,609
; FILING DATE: 12 March 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: King, William T.
; REGISTRATION NUMBER: 30,954
; REFERENCE/DOCKET NUMBER: P50629-1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 610-270-4800
; TELEFAX: 610-270-4026
; INFORMATION FOR SEQ ID NO: 31:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: unknown
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "SBA884"
PCT-US98-04987-31

Query Match          4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 971 TCTAAATCTGGTGATGG 988
Db 1 CCAGGTCCTAGGCTC 769
Db 1 CCAGGTCCTAGGCTC 18

RESULT 892
PCT-US99-23205-30
; Sequence 30, Application PC/TUS9923205
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda
; APPLICANT: Bennett, C. Frank
; APPLICANT: Butler, Madeline M.
; APPLICANT: Shanahan, William R.
; APPLICANT: Isis Pharmaceuticals, Inc.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TUMOR NECROSIS FACTOR-
; FILE REFERENCE: ISPR-0409
; CURRENT APPLICATION NUMBER: PCT/US99/23205
; CURRENT FILING DATE: 1999-10-05

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EARLIER APPLICATION NUMBER: 09/313,932
EARLIER FILING DATE: 1999-05-18
EARLIER APPLICATION NUMBER: 09/166,168
EARLIER FILING DATE: 1998-10-05
NUMBER OF SEQ ID NOS: 501
SEQ ID NO 30
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic
PCT-US99-23205-30

Query Match 4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 759 CCTAGGCGCTCCACTTCT 776
DB 2 CCTAAGCCCCCAATCT 19

RESULT 893
US-07-593-176B-2/c
Sequence 2, Application US/07593176B
GENERAL INFORMATION:
APPLICANT: Leong, Diane U.
TITLE OF INVENTION: Methods and Reagents for Identifying
NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS:
ADDRESSEE: Hoffmann-La Roche
STREET: 340 Kingsland Street
CITY: Nutley
STATE: New Jersey
COUNTRY: U.S.A.
ZIP: 07110

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.24
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/593,176B
FILING DATE: 19901005
CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:
NAME: Schlager, John J.
REGISTRATION NUMBER: 20942
REFERENCE/DOCKET NUMBER: 8428
TELEPHONE: 201-235-2863
TELEFAX: 201-235-3500
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single
TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: N
ANTI-SENSE: N
US-07-593-176B-2

Query Match 4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 921 ATCCACACACCTCCAG 938
DB 20 ATCCACACCTCCAG 3

RESULT 894
US-08-304-732B-126/c
Sequence 126, Application US/08304732B
GENERAL INFORMATION:
APPLICANT: BERGERON, Michel G.
APPLICANT: COUETTE, Marc
APPLICANT: ROY, Paul H.
TITLE OF INVENTION: SPECIFIC AND UNIVERSAL PROBES TO RAPIDLY
TITLE OF INVENTION: DETECT AND IDENTIFY COMMON BACTERIA FROM URINARY OR ANY
TITLE OF INVENTION: OTHER BIOLOGICAL SAMPLES IN THE ROUTINE MICROBIOLOGY
TITLE OF INVENTION: LABORATORY
NUMBER OF SEQUENCES: 134
CORRESPONDENCE ADDRESS:
ADDRESSEE: Quarles & Brady
STREET: 411 East Wisconsin Avenue
CITY: Milwaukee
STATE: Wisconsin
COUNTRY: USA
ZIP: 53202-4497
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/304,732B
FILING DATE: 12-SEP-1994
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: BAKER, Jean C.
REGISTRATION NUMBER: 35,433
REFERENCE/DOCKET NUMBER: 850586.90012
TELECOMMUNICATION INFORMATION:
TELEPHONE: (414) 277-5000
TELEFAX: (414) 277-5591
INFORMATION FOR SEQ ID NO: 126:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "oligonucleotide"
US-08-304-732B-126

Query Match 4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 919 TCATCACCACCCCTCC 936
DB 18 TCATCACCACCTCC 1

RESULT 895
US-08-586-594B-20
Sequence 20, Application US/08586594B
GENERAL INFORMATION:
APPLICANT: Friedman, Jeffrey M.
APPLICANT: Lee, Gwo-Hua
APPLICANT: Proenca, Ricardo
TITLE OF INVENTION: DB, THE RECEPTOR FOR LEPTIN, NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE RECEPTOR, AND USES THEREOF
NUMBER OF SEQUENCES: 54
CORRESPONDENCE ADDRESS:
ADDRESSEE: David A. Jackson, Esq.
STREET: 411 Hackensack Ave, Continental Plaza, 4th
CITY: Hackensack
STATE: New Jersey
COUNTRY: USA
ZIP: 07601
COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/586,594B
FILING DATE:
CLASSIFICATION: 530
ATTORNEY/AGENT INFORMATION:
NAME: Jackson Esq., David A.
REGISTRATION NUMBER: 26,742
REFERENCE/DOCKET NUMBER: 600-1-162
TELEPHONE: 201-487-5800
TELEFAX: 201-343-1684
INFORMATION FOR SEQ ID NO: 20:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-08-586-594B-20

Query Match 4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 832 TCTTTCTCTCTGAAGA 849
||||| |||||||
DB 2 TCTTGGGTTCTCTGAAGA 19

RESULT 896
US-08-586-594E-20
Sequence 20, Application US/08586594E
GENERAL INFORMATION:
APPLICANT: The Rockefeller University
APPLICANT: Friedman, Jeffrey M.
APPLICANT: Lee, Gwo-Hua
TITLE OF INVENTION: DB, THE RECEPTOR FOR LEPTIN, NUCLEIC ACIDS ENCODING THE RECEPTOR
FILE REFERENCE: 600-1-162
CURRENT APPLICATION NUMBER: US/08/586,594E
CURRENT FILING DATE: 1996-01-16
NUMBER OF SEQ ID NOS: 91
SOFTWARE: PatentIn version 3.1
SEQ ID NO 20
LENGTH: 20
TYPE: DNA
ORGANISM: Mus musculus
US-08-586-594E-20

Query Match 4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 832 TCTTTCTCTCTGAAGA 849
||||| |||||||
DB 2 TCTTGGGTTCTCTGAAGA 19

RESULT 897
US-08-586-594B-20
Sequence 20, Application US/08599974B
GENERAL INFORMATION:
APPLICANT: Friedman, Jeffrey M.
APPLICANT: Lee, Gwo-Hua
APPLICANT: Proenca, Ricardo
TITLE OF INVENTION: DB, THE RECEPTOR FOR LEPTIN, NUCLEIC

TITLE OF INVENTION: ACIDS ENCODING THE RECEPTOR, AND USES THEREOF
NUMBER OF SEQUENCES: 54
CORRESPONDENCE ADDRESS:
ADDRESSEE: David A. Jackson, Esq.
STREET: 411 Hackensack Ave, Continental Plaza, 4th
STREET: Floor
CITY: Hackensack
STATE: New Jersey
COUNTRY: USA
ZIP: 07601
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/599,974B
FILING DATE: 14-FEB-1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/586,594
FILING DATE: 16-JAN-1996
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Jackson Esq., David A.
REGISTRATION NUMBER: 26,742
REFERENCE/DOCKET NUMBER: 600-1-162 CPI
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201-487-5800
TELEFAX: 201-343-1684
INFORMATION FOR SEQ ID NO: 20:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-08-599-974B-20

Query Match 4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 832 TCTTTCTCTCTGAAGA 849
||||| |||||||
DB 2 TCTTGGGTTCTCTGAAGA 19

RESULT 898
US-08-599-974C-20
Sequence 20, Application US/08599974C
GENERAL INFORMATION:
APPLICANT: Friedman, Jeffrey M.
APPLICANT: Lee, Gwo-Hua
APPLICANT: Proenca, Ricardo
TITLE OF INVENTION: DB, THE RECEPTOR FOR LEPTIN, NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE RECEPTOR, AND USES THEREOF
NUMBER OF SEQUENCES: 56
CORRESPONDENCE ADDRESS:
ADDRESSEE: David A. Jackson, Esq.
STREET: 411 Hackensack Ave, Continental Plaza, 4th
STREET: Floor
CITY: Hackensack
STATE: New Jersey
COUNTRY: USA
ZIP: 07601
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30

;;
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/599,974C
;; FILING DATE: 14-FEB-1996
;; CLASSIFICATION: 435
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US 08/586,594
;; FILING DATE: 16-JAN-1996
;; CLASSIFICATION: 435
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Jackson Esq., David A.
;; REGISTRATION NUMBER: 26,742
;; REFERENCE/DOCKET NUMBER: 600-1-162 CP1
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: 201-487-5800
;; TELEFAX: 201-343-1684
;; INFORMATION FOR SEQ ID NO: 20:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 20 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; MOLECULE TYPE: DNA (genomic)
;; HYPOTHETICAL: NO
;; ANTI-SENSE: NO
;; US-08-599-974C-20

Query Match 4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 832 TCTTTTCTCTCTGAAGA 849
||| |||||
DB 2 TCTTGGGTTCTCTGAAGA 19

RESULT 899
US-08-599-974E-20
; Sequence 20, Application US/08599974E
; GENERAL INFORMATION:
; APPLICANT: The Rockefeller University
; APPLICANT: Friedman, Jeffrey M.
; APPLICANT: Lee, Gwo-Hua
; APPLICANT: Proenca, Ricardo
; TITLE OF INVENTION: DB, THE RECEPTOR FOR LEPTIN, NUCLEIC ACIDS ENCODING THE RECEPTOR,
; FILE REFERENCE: 600-1-162CP1
; CURRENT APPLICATION NUMBER: US/08/599,974E
; CURRENT FILING DATE: 1996-02-14
; PRIOR APPLICATION NUMBER: US 09/586,594
; PRIOR FILING DATE: 1996-01-16
; NUMBER OF SEQ ID NOS: 97
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 20
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Mus musculus
; US-08-599-974E-20

Query Match 4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 832 TCTTTTCTCTCTGAAGA 849
||| |||||
DB 2 TCTTGGGTTCTCTGAAGA 19

RESULT 900
US-08-783-734A-20
; Sequence 20, Application US/08783734A
; GENERAL INFORMATION:
; APPLICANT: Friedman, Jeffrey M.
; APPLICANT: Lee, Gwo-Hua

;;
;; APPLICANT: Proenca, Ricardo
;; APPLICANT: Ioffe, Ella
;; TITLE OF INVENTION: DB, THE RECEPTOR FOR LEPTIN, NUCLEIC
;; TITLE OF INVENTION: ACIDS ENCODING THE RECEPTOR, AND USSES THEREOF
;; NUMBER OF SEQUENCES: 83
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: David A. Jackson, Esq.
;; STREET: 411 Hackensack Ave, Continental Plaza, 4th
;; STREET: Floor
;; CITY: Hackensack
;; STATE: New Jersey
;; COUNTRY: USA
;; ZIP: 07601
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Floppy disk
;; COMPUTER: IBM PC compatible
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: PatentIn Release #1.0, Version #1.30
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/783,734A
;; FILING DATE: 16-JAN-1997
;; CLASSIFICATION: 435
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US 08/599,974
;; FILING DATE: 14-FEB-1996
;; CLASSIFICATION: 435
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US 08/586,594
;; FILING DATE: 16-JAN-1996
;; CLASSIFICATION: 435
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Jackson Esq., David A.
;; REGISTRATION NUMBER: 26,742
;; REFERENCE/DOCKET NUMBER: 600-1-162CP2
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: 201-487-5800
;; TELEFAX: 201-343-1684
;; INFORMATION FOR SEQ ID NO: 20:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 20 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; MOLECULE TYPE: DNA (genomic)
;; HYPOTHETICAL: NO
;; ANTI-SENSE: NO
;; US-08-783-734A-20

Query Match 4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 832 TCTTTTCTCTCTGAAGA 849
||| |||||
DB 2 TCTTGGGTTCTCTGAAGA 19

RESULT 901
US-08-783-734D-20
; Sequence 20, Application US/08783734D
; GENERAL INFORMATION:
; APPLICANT: Friedman, Jeffrey M.
; APPLICANT: Lee, Gwo-Hua
; APPLICANT: Proenca, Ricardo
; APPLICANT: Ioffe, Ella
; TITLE OF INVENTION: DB, THE RECEPTOR FOR LEPTIN, NUCLEIC ACIDS ENCODING THE RECEPTOR,
; FILE REFERENCE: 600-1-162CP2
; CURRENT APPLICATION NUMBER: US/08/783,734D
; CURRENT FILING DATE: 1997-01-16
; PRIOR APPLICATION NUMBER: US 08/599,974
; PRIOR FILING DATE: 1996-02-14
; PRIOR APPLICATION NUMBER: US 08/586,594

[illegible]

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 788 CTCGTGTCACAGAGCTC 805
 Db 2 CCAGGTCACAGAGCCC 19

RESULT 905

US-09-380-910-31
 ; Sequence 31, Application US/09380910
 ; GENERAL INFORMATION:
 ; APPLICANT: SmithKline Beecham Corporation
 ; Jonak, Zdenka L.
 ; Jonanson, Kyung O.
 ; Taylor, Alexander H.
 ; TITLE OF INVENTION: Humanized Monoclonal Antibodies
 ; NUMBER OF SEQUENCES: 45
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSER: SmithKline Beecham Corporation
 ; STREET: 709 Swedeland Road
 ; CITY: King of Prussia
 ; STATE: PA
 ; COUNTRY: USA
 ; ZIP: 19406-2799
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: Patent In Release #1.0, Version #1.30
 ; CURRENT APPLICATION NUMBER: US/09/380,910
 ; FILING DATE: 24-Apr-2001
 ; CLASSIFICATION: <Unknown>
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 60/039,609
 ; FILING DATE: 12 March 1997
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: King, William T.
 ; REGISTRATION NUMBER: 30,954
 ; REFERENCE/DOCKET NUMBER: P50629
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 610-270-5015
 ; TELEFAX: 610-270-5090
 ; INFORMATION FOR SEQ ID NO: 31:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 20 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: unknown
 ; MOLECULE TYPE: other nucleic acid
 ; DESCRIPTION: /desc = "SBAS84"
 ; SEQUENCE DESCRIPTION: SEQ ID NO: 31:

Query Match: 4.6%; Score 13.2; DB 1; Length 20;
 Best Local Similarity 83.3%; Pred. No. 5.4e+02;
 Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 752 CCAGGTCCTAGGCTC 769
 Db 1 CCAGGTCACCTGGCCCC 18

RESULT 906

US-09-391-631-4880
 ; Sequence 4880, Application US/09391631
 ; GENERAL INFORMATION:
 ; APPLICANT: ALEXANDROV, Nikolai
 ; BROVER, Vyacheslav
 ; APPLICANT: CHEN, Xianfeng
 ; APPLICANT: SUBRAMANIAN, Gopalakrishnan
 ; APPLICANT: TROUKHAN, Maxim

; TITLE OF INVENTION: Sequence-Determined DNA Fragments 250
 ; FILE REFERENCE: 2750-0550P
 ; CURRENT APPLICATION NUMBER: US/09/391,631
 ; CURRENT FILING DATE: 1999-09-03
 ; NUMBER OF SEQ ID NOS: 5679
 ; SOFTWARE: PatentIn Ver. 2.1
 ; SEQ ID NO 4880
 ; LENGTH: 20
 ; TYPE: DNA
 ; ORGANISM: Arabidopsis thaliana
 ; US-09-391-631-4880

Query Match: 4.6%; Score 13.2; DB 1; Length 20;
 Best Local Similarity 83.3%; Pred. No. 5.4e+02;
 Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 712 TCCAGAGAGTACTCT 729
 Db 2 TCCAGAGTGGTACTCT 19

RESULT 907

US-09-452-599-126/c
 ; Sequence 126, Application US/09452599
 ; GENERAL INFORMATION:
 ; APPLICANT: Bergeron, Michel G.
 ; APPLICANT: Ouellette, Marc
 ; APPLICANT: Roy, Paul H.
 ; TITLE OF INVENTION: Specific and Universal Probes and Amplification Primers
 ; TITLE OF INVENTION: to Rapidly Detect and Identify Common Bacterial
 ; TITLE OF INVENTION: Pathogens and Antibiotic Resistance Genes from Clinical
 ; TITLE OF INVENTION: Specimens for Routine Diagnosis in Micro
 ; FILE REFERENCE: 12287.31
 ; CURRENT APPLICATION NUMBER: US/09/452,599
 ; CURRENT FILING DATE: 1999-12-01
 ; PRIOR APPLICATION NUMBER: 08/526,840
 ; PRIOR FILING DATE: 1995-09-11
 ; PRIOR APPLICATION NUMBER: 08/304,732
 ; PRIOR FILING DATE: 1994-09-12
 ; NUMBER OF SEQ ID NOS: 177
 ; SOFTWARE: PatentIn Ver. 2.1
 ; SEQ ID NO 126
 ; LENGTH: 20
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Description of Artificial Sequence:
 ; OTHER INFORMATION: Oligonucleotide
 ; US-09-452-599-126

Query Match: 4.6%; Score 13.2; DB 1; Length 20;
 Best Local Similarity 83.3%; Pred. No. 5.4e+02;
 Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 919 TCATCACCACCCCTCC 936
 Db 18 TCATCACCACCTCTCTCC 1

RESULT 908

US-09-481-981-3/c
 ; Sequence 3, Application US/09481981
 ; GENERAL INFORMATION:
 ; APPLICANT: DuPont Pharmaceuticals Company
 ; TITLE OF INVENTION: Antagonist Blockade of CRF-2 Receptors for the
 ; TITLE OF INVENTION: Treatment of Psychiatric Disorders and the Use of
 ; TITLE OF INVENTION: Chimeric Antisense Oligonucleotide in vivo CNS
 ; TITLE OF INVENTION: Studies of Gene Function
 ; FILE REFERENCE: DM-7011
 ; CURRENT APPLICATION NUMBER: US/09/481,981
 ; CURRENT FILING DATE: 2000-01-12
 ; PRIOR APPLICATION NUMBER: 60/115,748


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; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 3
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; NAME/KEY: Unsure
; LOCATION: (1)..(20)
US-09-481-981-3

Query Match          4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 919 TCATCACCACCCCTCC 936
Db 18 TCATCACCACCTCATCC 1

RESULT 909
US-09-514-000-7782/c
; Sequence 7782, Application US/09514000
; GENERAL INFORMATION:
; APPLICANT: Hinkle, Gregory J.
; APPLICANT: Slater, Steven C.
; TITLE OF INVENTION: Agrobacterium tumefaciens Genome Sequences and Uses Thereof
; FILE REFERENCE: 38-10(15490)B
; CURRENT APPLICATION NUMBER: US/09/514,000
; CURRENT FILING DATE: 2000-02-23
; NUMBER OF SEQ ID NOS: 15034
; SEQ ID NO 7782
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Agrobacterium tumefaciens
US-09-514-000-7782

Query Match          4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 889 ACTTACTTCTCAGCTTCT 906
Db 18 ACTCAGTTCCTCCGCTTCT 1

RESULT 910
US-09-514-000-8324
; Sequence 8324, Application US/09514000
; GENERAL INFORMATION:
; APPLICANT: Hinkle, Gregory J.
; APPLICANT: Slater, Steven C.
; TITLE OF INVENTION: Agrobacterium tumefaciens Genome Sequences and Uses Thereof
; FILE REFERENCE: 38-10(15490)B
; CURRENT APPLICATION NUMBER: US/09/514,000
; CURRENT FILING DATE: 2000-02-23
; NUMBER OF SEQ ID NOS: 15034
; SEQ ID NO 8324
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Agrobacterium tumefaciens
US-09-514-000-8324

Query Match          4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 888 CACTTACTTCTCAGCTTC 905
Db 3 CACATCCTTCTCCGCTTC 20
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```
RESULT 911
US-09-548-954A-586
; Sequence 586, Application US/09548954A
; GENERAL INFORMATION:
; APPLICANT: KEITH, TIM
; APPLICANT: LITTLE, RANDALL
; APPLICANT: VAN EERDEWEGH, PAUL
; APPLICANT: DUPUIS, JOSEE
; APPLICANT: DEL MASTRO, RICHARD
; APPLICANT: SIMON, JASON
; APPLICANT: ALLEN, KRISTINA
; APPLICANT: PANDIT, SUNIL
; TITLE OF INVENTION: NOVEL HUMAN GENES RELATING TO RESPIRATORY DISEASES AND
; FILE REFERENCE: 2976-4040
; CURRENT APPLICATION NUMBER: US/09/548,954A
; CURRENT FILING DATE: 2000-04-13
; PRIOR APPLICATION NUMBER: 60/129,391
; PRIOR FILING DATE: 1999-04-13
; NUMBER OF SEQ ID NOS: 1282
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 586
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-548-954A-586

Query Match          4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 789 TCTGTGTCACAGACTCT 806
Db 1 TCAGGTGCCAGACTCT 18

RESULT 912
US-09-548-954A-1002/c
; Sequence 1002, Application US/09548954A
; GENERAL INFORMATION:
; APPLICANT: KEITH, TIM
; APPLICANT: LITTLE, RANDALL
; APPLICANT: VAN EERDEWEGH, PAUL
; APPLICANT: DUPUIS, JOSEE
; APPLICANT: DEL MASTRO, RICHARD
; APPLICANT: SIMON, JASON
; APPLICANT: ALLEN, KRISTINA
; APPLICANT: PANDIT, SUNIL
; TITLE OF INVENTION: NOVEL HUMAN GENES RELATING TO RESPIRATORY DISEASES AND
; FILE REFERENCE: 2976-4040
; CURRENT APPLICATION NUMBER: US/09/548,954A
; CURRENT FILING DATE: 2000-04-13
; PRIOR APPLICATION NUMBER: 60/129,391
; PRIOR FILING DATE: 1999-04-13
; NUMBER OF SEQ ID NOS: 1282
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 1002
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-548-954A-1002

Query Match          4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 764 GGCCTCCACTTCTGAGGG 781
```

```
Db      19 GGCCTCTACTCTCTGAGAG 2
|||||
RESULT 913
US-09-548-954B-586
; Sequence 586, Application US/09548954B
; GENERAL INFORMATION:
; APPLICANT: KEITH, TIM
; APPLICANT: LITTLE, RANDALL
; APPLICANT: VAN EERDEWEGH, PAUL
; APPLICANT: DUPUIS, JOSEE
; APPLICANT: DEL MASTRO, RICHARD
; APPLICANT: SIMON, JASON
; APPLICANT: ALLEN, KRISTINA
; APPLICANT: PANDIT, SUNIL
; TITLE OF INVENTION: NOVEL HUMAN GENES RELATING TO RESPIRATORY DISEASES AND
; TITLE OF INVENTION: OBESITY
; FILE REFERENCE: 2976-4040
; CURRENT APPLICATION NUMBER: US/09/548,954B
; CURRENT FILING DATE: 2000-04-13
; PRIOR APPLICATION NUMBER: 60/129,391
; PRIOR FILING DATE: 1999-04-13
; NUMBER OF SEQ ID NOS: 1282
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 586
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-548-954B-586

Query Match      4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      789 TCTGTGCCAGAGCTCT 806
|||||
Db      1 TCAGGTGCCAGAACTCT 18

RESULT 914
US-09-548-954B-1002/c
; Sequence 1002, Application US/09548954B
; GENERAL INFORMATION:
; APPLICANT: KEITH, TIM
; APPLICANT: LITTLE, RANDALL
; APPLICANT: VAN EERDEWEGH, PAUL
; APPLICANT: DUPUIS, JOSEE
; APPLICANT: DEL MASTRO, RICHARD
; APPLICANT: SIMON, JASON
; APPLICANT: ALLEN, KRISTINA
; APPLICANT: PANDIT, SUNIL
; TITLE OF INVENTION: NOVEL HUMAN GENES RELATING TO RESPIRATORY DISEASES AND
; TITLE OF INVENTION: OBESITY
; FILE REFERENCE: 2976-4040
; CURRENT APPLICATION NUMBER: US/09/548,954B
; CURRENT FILING DATE: 2000-04-13
; PRIOR APPLICATION NUMBER: 60/129,391
; PRIOR FILING DATE: 1999-04-13
; NUMBER OF SEQ ID NOS: 1282
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 1002
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-548-954B-1002

Query Match      4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Db      19 GGCCTCTACTCTCTGAGAG 2
|||||
RESULT 915
US-09-763-362-14/c
; Sequence 14, Application US/09763362
; GENERAL INFORMATION:
; APPLICANT: TOMIZUKA, KAZUYA
; APPLICANT: YOSHIDA, HITOSHI
; APPLICANT: HANAOKA, KAZUNORI
; APPLICANT: OSHIMURA, MITSUO
; APPLICANT: ISHIDA, ISAO
; APPLICANT: KUROIWA, YOSHIMI
; TITLE OF INVENTION: METHOD FOR MODIFYING CHROMOSOMES
; FILE REFERENCE: 081356/0158
; CURRENT APPLICATION NUMBER: US/09/763,362
; CURRENT FILING DATE: 2001-04-23
; PRIOR APPLICATION NUMBER: PCT/JP99/04518
; PRIOR FILING DATE: 1999-08-23
; PRIOR APPLICATION NUMBER: JP 236169/1998
; PRIOR FILING DATE: 1998-08-21
; NUMBER OF SEQ ID NOS: 148
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 14
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-763-362-14

Query Match      4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      764 GGCCTCCACTTCTGAGGC 781
|||||
Db      19 GGCCTCTACTCTCTGAGAG 2
|||||

RESULT 916
US-09-763-362-22/c
; Sequence 22, Application US/09763362
; GENERAL INFORMATION:
; APPLICANT: TOMIZUKA, KAZUYA
; APPLICANT: YOSHIDA, HITOSHI
; APPLICANT: HANAOKA, KAZUNORI
; APPLICANT: OSHIMURA, MITSUO
; APPLICANT: ISHIDA, ISAO
; APPLICANT: KUROIWA, YOSHIMI
; TITLE OF INVENTION: METHOD FOR MODIFYING CHROMOSOMES
; FILE REFERENCE: 081356/0158
; CURRENT APPLICATION NUMBER: US/09/763,362
; CURRENT FILING DATE: 2001-04-23
; PRIOR APPLICATION NUMBER: PCT/JP99/04518
; PRIOR FILING DATE: 1999-08-23
; PRIOR APPLICATION NUMBER: JP 236169/1998
; PRIOR FILING DATE: 1998-08-21
; NUMBER OF SEQ ID NOS: 148
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 22
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-763-362-22

Query Match      4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      765 GCCTCCACTTCTGAGGC 782
|||||
Db      18 GCTTCCTCTCTGAGGC 1
```

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;
;
; Best Local Similarity 83.3%; Pred. No. 5.4e+02;
; Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
;
Qy 765 GCCTCCACTTCTGAGGC 782
Db 18 GCCTCGTCTTCTGAGGC 1

RESULT 917
US-09-800-629A-93
; Sequence 93, Application US/09800629A
; GENERAL INFORMATION:
; APPLICANT: Dean, Nicholas M.
; APPLICANT: Karras, James G
; APPLICANT: McKay, Robert
; APPLICANT: Manoharan, Muthiah
; TITLE OF INVENTION: ANTISENSE MODULATION OF INTERLEUKIN-5 SIGNAL
; TITLE OF INVENTION: TRANSDUCTION
; FILE REFERENCE: ISPH-0537
; CURRENT APPLICATION NUMBER: US/09/800,629A
; PRIOR FILING DATE: 2001-03-07
; PRIOR APPLICATION NUMBER: PCT/US00/07318
; PRIOR FILING DATE: 2000-03-17
; PRIOR APPLICATION NUMBER: 09/280,799
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 210
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 93
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-800-629A-93

Query Match 4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 801 AGCTCTCTCCAACTCAG 818
Db 3 AGCTGGCTCGAACTCAG 20

RESULT 918
US-09-802-110B-165/c
; Sequence 165, Application US/09802110B
; GENERAL INFORMATION:
; APPLICANT: Leushner, James
; Hui, May
; Dunn, James M.
; LaCroix, Jean-Michel
; TITLE OF INVENTION: METHOD, COMPOSITIONS AND KIT FOR
; DETECTION AND IDENTIFICATION OF MICROORGANISMS
; NUMBER OF SEQUENCES: 169
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Oppedahl & Larson LLP
; STREET: PO Box 5068
; CITY: Dillon
; STATE: CO
; COUNTRY: US
; ZIP: 80435
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette - 3.5 inch, 1.44 Mb storage
; COMPUTER: IBM compatible
; OPERATING SYSTEM: MS DOS
; SOFTWARE: Word Perfect
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/802,110B
; FILING DATE: 07-Mar-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: <Unknown>
```

```
;
;
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Larson, Marina T.
; REGISTRATION NUMBER: 32,038
; REFERENCE/DOCKET NUMBER: VGEN.P-058-2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (970) 468-6600
; TELEFAX: (970) 468-0104
; TELEX: <Unknown>
; INFORMATION FOR SEQ ID NO: 165:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; HYPOTHETICAL: no
; ANTI-SENSE: yes
; FRAGMENT TYPE: internal
; SEQUENCE DESCRIPTION: SEQ ID NO: 165:
US-09-802-110B-165
```

```
Query Match 4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
Qy 921 ATCACACACACCTCCAG 938
Db 20 ATCCCACTTCTCCAG 3
```

```
RESULT 919
US-09-824-322B-30
; Sequence 30, Application US/09824322B
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda
; APPLICANT: Bennett, C. Frank
; APPLICANT: Butler, Madeline M.
; APPLICANT: Shanahan, William R.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TUMOR NECROSIS FACTOR-ALPHA
; FILE REFERENCE: ISPH-0501
; CURRENT APPLICATION NUMBER: US/09/824,322B
; CURRENT FILING DATE: 2001-04-02
; PRIOR APPLICATION NUMBER: US 09/313,932
; PRIOR FILING DATE: 1999-05-18
; PRIOR APPLICATION NUMBER: US 09/166,186
; PRIOR FILING DATE: 1998-10-05
; NUMBER OF SEQ ID NOS: 503
; SEQ ID NO 30
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-824-322B-30
```

```
Query Match 4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
Qy 759 CCTAGGCTCCACTTCT 776
Db 2 CCTAAGCCCCCAATCT 19
```

```
RESULT 920
US-09-827-383-176/c
; Sequence 176, Application US/09827383
; GENERAL INFORMATION:
; APPLICANT: Michael Mittmann
; APPLICANT: Macdonald Morris
; APPLICANT: Tom Ryder
```

```

; APPLICANT: David Lockhart
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Tag Nucleic Acids and Probe Arrays
; FILE REFERENCE: 3108
; CURRENT APPLICATION NUMBER: US/09/827,383
; CURRENT FILING DATE: 2001-04-04
; PRIOR APPLICATION NUMBER: US 60/195,585
; PRIOR FILING DATE: 2000-04-06
; NUMBER OF SEQ ID NOS: 2050
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 176
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-827-383-176

```

```

Query Match      4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

```

```

Qy 971 TCTAAATCTGCTATGG 988
Db 20 TCTACATCTGCTATGG 3

```

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RESULT 921
US-09-827-383A-176/c
; Sequence 176, Application US/09827383A
; GENERAL INFORMATION:
; APPLICANT: Michael Mittmann
; APPLICANT: Macdonald Morris
; APPLICANT: Tom Ryder
; APPLICANT: David Lockhart
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Tag Nucleic Acids and Probe Arrays
; FILE REFERENCE: 3108
; CURRENT APPLICATION NUMBER: US/09/827,383A
; CURRENT FILING DATE: 2001-04-04
; PRIOR APPLICATION NUMBER: US 60/195,585
; PRIOR FILING DATE: 2000-04-06
; NUMBER OF SEQ ID NOS: 2050
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 176
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-827-383A-176

```

```

Query Match      4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

```

```

Qy 971 TCTAAATCTGCTATGG 988
Db 20 TCTACATCTGCTATGG 3

```

```

RESULT 922
US-09-851-501-42
; Sequence 42, Application US/09851501
; GENERAL INFORMATION:
; APPLICANT: DUNLOP, Charles, L.M.
; APPLICANT: WEISEL, James, M.
; TITLE OF INVENTION: APPROACHES TO IDENTIFY GENETIC TRAITS
; FILE REFERENCE: CHARDUN 001CP1
; CURRENT APPLICATION NUMBER: US/09/851,501
; CURRENT FILING DATE: 2001-05-08
; PRIOR APPLICATION NUMBER: PCT/US00/30493
; PRIOR FILING DATE: 2000-11-03
; PRIOR APPLICATION NUMBER: 60/165,301
; PRIOR FILING DATE: 1999-11-12
; NUMBER OF SEQ ID NOS: 44
; SOFTWARE: FastSeq for Windows Version 4.0

```

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; SEQ ID NO 42
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Diagnostic Oligonucleotide
US-09-851-501-42

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```

Query Match      4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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Qy 919 TCATCACCACCCCTCC 936
Db 3 TCATCACCACCCCTCCCTGC 20

```

```

RESULT 923
US-09-851-871-225
; Sequence 225, Application US/09851871
; GENERAL INFORMATION:
; APPLICANT: Bennett, Clarence Frank
; APPLICANT: Vickers, Timothy A.
; APPLICANT: Karras, James G.
; TITLE OF INVENTION: Oligonucleotide Compositions and Methods for the
; FILE REFERENCE: ISPH-0543
; CURRENT APPLICATION NUMBER: US/09/851,871
; CURRENT FILING DATE: 2001-05-09
; PRIOR APPLICATION NUMBER: PCT/US00/14471
; PRIOR FILING DATE: 2000-05-25
; PRIOR APPLICATION NUMBER: 09/326,186
; PRIOR FILING DATE: 1999-06-04
; PRIOR APPLICATION NUMBER: 08/777,266
; PRIOR FILING DATE: 1996-12-31
; NUMBER OF SEQ ID NOS: 284
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 225
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-851-871-225

```

```

Query Match      4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

```

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Qy 931 CCCTCCAGAGATTTTAC 948
Db 1 CCCTCCAGTGTGTTTAC 18

```

```

RESULT 924
US-09-874-162A-10/c
; Sequence 10, Application US/09874162A
; GENERAL INFORMATION:
; APPLICANT: Koontz, Jason
; APPLICANT: Sklar, Jeffrey
; TITLE OF INVENTION: FUSION OF JAZF1 AND JAZ1 GENES IN
; FILE REFERENCE: 05311-024001
; CURRENT APPLICATION NUMBER: US/09/874,162A
; CURRENT FILING DATE: 2001-06-04
; PRIOR APPLICATION NUMBER: US 60/209,093
; PRIOR FILING DATE: 2000-06-02
; NUMBER OF SEQ ID NOS: 23
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 10
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence

```

```
;
; FEATURE:
; OTHER INFORMATION: primer for PCR
US-09-874-162A-10

Query Match      4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 763 AGGCTCCACTCTGAGG 780
Db 18 AGGCTCCACTGCTGG 1

RESULT 925
US-09-906-158-45
; Sequence 45, Application US/09906158
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF TRANSFORMING GROWTH FACTOR-BETA 3 EXPRESSION
; FILE REFERENCE: RTS-0257
; CURRENT APPLICATION NUMBER: US/09/906,158
; CURRENT FILING DATE: 2001-07-14
; NUMBER OF SEQ ID NOS: 168
; SEQ ID NO 45
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-906-158-45

Query Match      4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 834 TTTTCTCTCTGAGACA 851
Db 3 TTTTCTCCACTGAGACA 20

RESULT 926
US-09-908-825-3/c
; Sequence 3, Application US/09908825
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Pharma Company
; TITLE OF INVENTION: CRF2 LIGANDS IN COMBINATION THERAPY
; FILE REFERENCE: PH7100
; CURRENT APPLICATION NUMBER: US/09/908,825
; CURRENT FILING DATE: 2000-07-19
; PRIOR APPLICATION NUMBER: 60/219,391
; PRIOR FILING DATE: 2000-07-19
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 3
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-908-825-3

Query Match      4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 919 TCATCACCACCCCTCC 936
Db 18 TCATCACCACCTTCATCC 1

RESULT 927
US-09-917-963-96
; Sequence 96, Application US/09917963
; GENERAL INFORMATION:
; APPLICANT: Rosanne M. Crooke
; APPLICANT: Mark J. Graham
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL TRIGLYCERIDE TRANSFER PROTEIN
; FILE REFERENCE: ISPH-0591
; CURRENT APPLICATION NUMBER: US/09/917,963
; CURRENT FILING DATE: 2001-07-30
; NUMBER OF SEQ ID NOS: 137
; SEQ ID NO 96
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-917-963-96

Query Match      4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 916 TTATCATCACCACCC 933
Db 2 TTATCACCACGCCACC 19

RESULT 928
US-09-920-394-34
; Sequence 34, Application US/09920394
; GENERAL INFORMATION:
; APPLICANT: Rosanne M. Crooke
; APPLICANT: Mark J. Graham
; APPLICANT: Kristina M. Lemonidis
; TITLE OF INVENTION: ANTISENSE MODULATION OF ACYL COENZYME A CHOLESTEROL ACYLTRANSFERASE
; FILE REFERENCE: ISPH-0589
; CURRENT APPLICATION NUMBER: US/09/920,394
; CURRENT FILING DATE: 2001-08-01
; NUMBER OF SEQ ID NOS: 62
; SEQ ID NO 34
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-920-394-34

Query Match      4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 912 CAGATTATCATCACCACC 929
Db 3 CAGATTTCATCACCATC 20

RESULT 929
US-09-937-473C-93
; Sequence 93, Application US/09937473C
; GENERAL INFORMATION:
; APPLICANT: Dean, Nicholas M.
; APPLICANT: Karras, James G.
; APPLICANT: McKay, Robert
; TITLE OF INVENTION: ANTISENSE MODULATION OF INTERLEUKIN-5 SIGNAL
; FILE REFERENCE: ISPH-0583
; CURRENT APPLICATION NUMBER: US/09/937,473C
; CURRENT FILING DATE: 2002-04-17
; PRIOR APPLICATION NUMBER: 09/280,799
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 208
; SOFTWARE: PatentIn Ver. 2.0
```

```

; SEQ ID NO 93
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-937-473C-93

Query Match          4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 801 AGCTCTCTCTCCAACTCAG 818
    ||||| ||||| |||||
Db 3 AGCTGGCTCGAAGTCTCAG 20

RESULT 930
US-09-980-953-225
; Sequence 225, Application US/09980953
; GENERAL INFORMATION:
; APPLICANT: Bennett, Clarence Frank
; APPLICANT: Vickers, Timothy A.
; APPLICANT: Karras, James, G.
; TITLE OF INVENTION: Antisense Modulation of B7 Protein Expression
; FILE REFERENCE: ISPH-0621
; CURRENT APPLICATION NUMBER: US/09/980,953
; CURRENT FILING DATE: 2001-12-03
; PRIOR APPLICATION NUMBER: 09/326,186
; PRIOR FILING DATE: 1999-06-04
; NUMBER OF SEQ ID NOS: 285
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 225
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-980-953-225

Query Match          4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 931 CCCTCCAGAGATTATTAC 948
    ||||| ||||| |||||
Db 1 CCCTCCAGTGATGTTTAC 18

RESULT 931
US-10-014-012-160/c
; Sequence 160, Application US/10014012
; GENERAL INFORMATION:
; APPLICANT: Bowdich, Katherine S.
; APPLICANT: Fredrickson, Shana
; APPLICANT: Lin, Ying-Chi
; APPLICANT: McWhirter, John
; APPLICANT: Matuyama, Toshiaki
; TITLE OF INVENTION: NESTED OLIGONUCLEOTIDES CONTAINING A HAIRPIN FOR NUCLEIC ACID
; FILE REFERENCE: 1087-35
; CURRENT APPLICATION NUMBER: US/10/014,012
; CURRENT FILING DATE: 2001-12-10
; PRIOR APPLICATION NUMBER: US 60/254,669
; PRIOR FILING DATE: 2000-12-11
; PRIOR APPLICATION NUMBER: US 60/323,400
; PRIOR FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 231
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 160
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial sequence

; FEATURE:
; OTHER INFORMATION: boundary oligonucleotide
US-10-014-012-160

Query Match          4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 849 ACAGCGTCTCTGGCTCCAG 866
    ||||| ||||| |||||
Db 18 ACAGGTTCTGGGCCAG 1

RESULT 932
US-10-121-120-126/c
; Sequence 126, Application US/10121120
; GENERAL INFORMATION:
; APPLICANT: Bergeron, Michel G.
; APPLICANT: Ouellette, Marc
; APPLICANT: Roy, Paul H.
; TITLE OF INVENTION: Specific and Universal Probes and Amplification
; TITLE OF INVENTION: Primers
; TITLE OF INVENTION: to Rapidly Detect and Identify Common Bacterial
; TITLE OF INVENTION: Pathogens and Antibiotic Resistance Genes from Clinical
; TITLE OF INVENTION: Specimens for Routine Diagnosis in Micro
; FILE REFERENCE: 12287.31
; CURRENT APPLICATION NUMBER: US/10/121,120
; CURRENT FILING DATE: 2002-04-11
; PRIOR APPLICATION NUMBER: 09/452,599
; PRIOR FILING DATE: 1999-12-01
; PRIOR APPLICATION NUMBER: 08/304,732
; PRIOR FILING DATE: 1994-09-12
; NUMBER OF SEQ ID NOS: 177
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 126
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: Oligonucleotide
US-10-121-120-126

Query Match          4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 919 TCATCACCACACCTCC 936
    ||||| ||||| |||||
Db 18 TCATCCCACTTCTCTCC 1

RESULT 933
US-10-126-022-157/c
; Sequence 157, Application US/10126022
; GENERAL INFORMATION:
; APPLICANT: KEITH, TIM
; TITLE OF INVENTION: NOVEL HUMAN GENE RELATING TO RESPIRATORY DISEASES,
; TITLE OF INVENTION: OBESITY, AND INFLAMMATORY BOWEL DISEASE
; FILE REFERENCE: 2976-4039US2
; CURRENT APPLICATION NUMBER: US/10/126,022
; CURRENT FILING DATE: 2002-04-19
; PRIOR APPLICATION NUMBER: 09/834,597
; PRIOR FILING DATE: 2001-04-13
; PRIOR APPLICATION NUMBER: 09/548,797
; PRIOR FILING DATE: 2000-04-13
; NUMBER OF SEQ ID NOS: 420
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 157
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:

```

OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-126-022-157

Query Match 4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 764 GGCTCCACTCTGAGG 781
DB 19 GGCTCTACTCTGAG 2

RESULT 934

US-10-126-022-159/c
Sequence 159, Application US/10126022
GENERAL INFORMATION:
APPLICANT: KEITH, TIM
TITLE OF INVENTION: NOVEL HUMAN GENE RELATING TO RESPIRATORY DISEASES,
FILE REFERENCE: 2976-4039US2
CURRENT APPLICATION NUMBER: US/10/126,022
CURRENT FILING DATE: 2002-04-19
PRIOR APPLICATION NUMBER: 09/834,597
PRIOR FILING DATE: 2001-04-13
PRIOR FILING DATE: 2000-04-13
NUMBER OF SEQ ID NOS: 420
SOFTWARE: Patent In Ver. 2.1
SEQ ID NO 159
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-126-022-159

Query Match 4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 764 GGCTCCACTCTGAGG 781
DB 19 GGCTCTACTCTGAG 2

RESULT 935

US-10-126-355-49/c
Sequence 49, Application US/10126355
GENERAL INFORMATION:
APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF HYDROXYSTEROID
FILE REFERENCE: RFS-0428
CURRENT APPLICATION NUMBER: US/10/126,355
CURRENT FILING DATE: 2002-04-19
NUMBER OF SEQ ID NOS: 122
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 49
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-126-355-49

Query Match 4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 840 TCTCTGAAGACAGGTC 857
DB 19 TCTATGAAGACATCTCC 2

RESULT 936

US-10-139-496-34/c
Sequence 34, Application US/10139496
GENERAL INFORMATION:
APPLICANT: Carey, Thomas B.
APPLICANT: Nair, Thankum S.
APPLICANT: Gray, Jennifer P.
TITLE OF INVENTION: Antigenic Targets of Autoimmune Sensorineural Hearing Loss (AISNHL)
FILE REFERENCE: UM-6982
CURRENT APPLICATION NUMBER: US/10/139,496
CURRENT FILING DATE: 2002-09-10
PRIOR APPLICATION NUMBER: 09/222,179
PRIOR FILING DATE: 1998-12-29
NUMBER OF SEQ ID NOS: 36
SOFTWARE: Patent in version 3.1
SEQ ID NO 34
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic
US-10-139-496-34

Query Match 4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 778 AGGCGAGCCCTCTGGTG 795
DB 19 AGGACAGCCACTCTGATG 2

RESULT 937

US-10-142-722-42
Sequence 42, Application US/10142722
GENERAL INFORMATION:
APPLICANT: DUNLOP, Charles, I.M.
APPLICANT: WEISEL, James, M.
TITLE OF INVENTION: APPROACHES TO IDENTIFY GENETIC TRAITS
FILE REFERENCE: CHARDUN 001C1
CURRENT APPLICATION NUMBER: US/10/142,722
CURRENT FILING DATE: 2002-09-04
PRIOR APPLICATION NUMBER: PCT/US00/30493
PRIOR FILING DATE: 2000-11-03
PRIOR APPLICATION NUMBER: 60/165,301
PRIOR FILING DATE: 1999-11-12
NUMBER OF SEQ ID NOS: 44
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 42
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Diagnostic Oligonucleotide
US-10-142-722-42

Query Match 4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 919 TCATCACCACCCCTCC 936
DB 3 TCATCACCCTCCCTGC 20

RESULT 938

US-10-160-787-68
Sequence 68, Application US/10160787
GENERAL INFORMATION:
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 2 EXPRESSION

```

; FILE REFERENCE: RTS-0204
; CURRENT APPLICATION NUMBER: US/10/160,787
; CURRENT FILING DATE: 2002-05-31
; NUMBER OF SEQ ID NOS: 141
; SEQ ID NO 68
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE: Artificial Sequence
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-160-787-68

Query Match      4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      878 TCCTGAGATGCACCTACT 895
Db      1 TCCTGAGATGGAGTTCCT 18

RESULT 939
US-10-160-787-69
; Sequence 69, Application US/10160787
; GENERAL INFORMATION:
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 2 EXPRESSION
; FILE REFERENCE: RTS-0204
; CURRENT APPLICATION NUMBER: US/10/160,787
; CURRENT FILING DATE: 2002-05-31
; NUMBER OF SEQ ID NOS: 141
; SEQ ID NO 69
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-160-787-69

Query Match      4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      874 ACTTTCCTGAGATGCACCT 891
Db      3 AGTTTCCTGAGATGCAGT 20

RESULT 940
US-10-160-787-128/c
; Sequence 128, Application US/10160787
; GENERAL INFORMATION:
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 2 EXPRESSION
; FILE REFERENCE: RTS-0204
; CURRENT APPLICATION NUMBER: US/10/160,787
; CURRENT FILING DATE: 2002-05-31
; NUMBER OF SEQ ID NOS: 141
; SEQ ID NO 128
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-160-787-128

Query Match      4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      878 TCCTGAGATGCACCTACT 895
Db      20 TCCTGAGATGGAGTTCCT 3
```

```

RESULT 941
US-10-160-787-129/c
; Sequence 129, Application US/10160787
; GENERAL INFORMATION:
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 2 EXPRESSION
; FILE REFERENCE: RTS-0204
; CURRENT APPLICATION NUMBER: US/10/160,787
; CURRENT FILING DATE: 2002-05-31
; NUMBER OF SEQ ID NOS: 141
; SEQ ID NO 129
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-160-787-129

Query Match      4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      874 ACTTTCCTGAGATGCACCT 891
Db      18 AGTTTCCTGAGATGCAGT 1

RESULT 942
US-10-162-846-62/c
; Sequence 62, Application US/10162846
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF PROX-1 EXPRESSION
; FILE REFERENCE: RTS-0421
; CURRENT APPLICATION NUMBER: US/10/162,846
; CURRENT FILING DATE: 2002-06-03
; NUMBER OF SEQ ID NOS: 134
; SEQ ID NO 62
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-162-846-62

Query Match      4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      838 CTTCTCTGAAGACAGCGT 855
Db      19 CCTGTCTGAGACAGCAT 2

RESULT 943
US-10-162-846-127
; Sequence 127, Application US/10162846
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF PROX-1 EXPRESSION
; FILE REFERENCE: RTS-0421
; CURRENT APPLICATION NUMBER: US/10/162,846
; CURRENT FILING DATE: 2002-06-03
; NUMBER OF SEQ ID NOS: 134
; SEQ ID NO 127
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-162-846-127

Query Match      4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      878 TCCTGAGATGCACCTACT 895
Db      20 TCCTGAGATGGAGTTCCT 3
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Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY      838 CTTCTCTGAAGACAGCGT 855
      | | | | | | | | | |
Db       2 CCTGTCTGAAGACGAT 19

RESULT 944
US-10-181-846-29.
; Sequence 29, Application US/10181846
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF DAXX EXPRESSION
; FILE REFERENCE: RSP-0363
; CURRENT APPLICATION NUMBER: US/10/181,846
; CURRENT FILING DATE: 2002-07-17
; PRIOR APPLICATION NUMBER: PCT/US01/01416
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: 09/490,692
; PRIOR FILING DATE: 2000-01-24
; NUMBER OF SEQ.ID NOS: 176
; SEQ.ID NO 29
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-181-846-29

Query Match          4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred.No. 5.4e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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QY      810  CCACCTCAGGGTTGGCTG  827
      ||| ||| ||| ||| |||
Db      3    CCACCTCAGGGTGGTCTG  20

RESULT 945
US-10-186-157-77/c
; Sequence 77, Application US/10186157
; GENERAL INFORMATION:
; APPLICANT: Andrew T. Watt
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF SELENOPHOSPHATE SYNTHETASE 2 EXPRESSION
; FILE REFERENCE: RTS-0193
; CURRENT APPLICATION NUMBER: US/10/186,157
; CURRENT FILING DATE: 2002-06-28
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 77
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-186-157-77

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Query Match          4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      828 TGTCTCTTTTCTCTCTCG 845
      ||| ||| ||| ||| |||
Db      18 TGGCTCTTCTCTCTCTG 1

RESULT 946
US-10-188-646-53
; Sequence 53. Application US/10188646
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Kenneth W. Dobie

```

Db 2 CCCTATGCCTCTGCTTCT 19

RESULT 949

US-10-222-334-37/c
; Sequence 37, Application US/10222334
; GENERAL INFORMATION:
; APPLICANT: Ginsburg, David
; APPLICANT: Levy, Gallia
; APPLICANT: Tsai, Han-Mou
; TITLE OF INVENTION: ADAMTS13 Genes and Proteins and Variants, and Uses Thereof
; FILE REFERENCE: UM-07288
; CURRENT APPLICATION NUMBER: US/10/222,334
; CURRENT FILING DATE: 2002-08-16
; PRIOR APPLICATION NUMBER: 60/312,834
; PRIOR FILING DATE: 2001-08-16
; NUMBER OF SEQ ID NOS: 78
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 37
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-222-334-37

Query Match 4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 883 AGATGCCTTACTTCTCA 900
Db 18 AGATGCCCTCACTTCTGA 1

RESULT 950

US-10-223-880-31
; Sequence 31, Application US/10223880
; GENERAL INFORMATION:
; APPLICANT: JONAK, ZDENKA
; APPLICANT: JOHANSON, KYUNG O.
; APPLICANT: TAYLOR, ALEXANDER
; TITLE OF INVENTION: ANTI-ALPHABETA3 HUMANIZED MONOCLONAL
; TITLE OF INVENTION: ANTIBODIES
; FILE REFERENCE: P50629C1
; CURRENT APPLICATION NUMBER: US/10/223,880
; CURRENT FILING DATE: 2002-08-20
; PRIOR APPLICATION NUMBER: 09/380,910
; PRIOR FILING DATE: 1999-09-10
; PRIOR APPLICATION NUMBER: PCT/US98/04987
; PRIOR FILING DATE: 1998-03-12
; PRIOR APPLICATION NUMBER: 60/039,609
; PRIOR FILING DATE: 1997-03-12
; NUMBER OF SEQ ID NOS: 45
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 31
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR primer SBA884 used to amplify the synthetic
; OTHER INFORMATION: gene.
US-10-223-880-31

Query Match 4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 752 CCAGGTCCTAGGCTC 769

RESULT 951
US-10-262-511-333/c
; Sequence 333, Application US/10262511
; GENERAL INFORMATION:
; APPLICANT: Smithson, Glennda
; APPLICANT: Millet, Isabelle
; APPLICANT: Peyman, John A.
; APPLICANT: Kekuda, Ramesh
; APPLICANT: Ju, Jingfang
; APPLICANT: Li, Li
; APPLICANT: Guo, Xiaojia (Sasha)
; APPLICANT: Patturajan, Meera
; APPLICANT: Spytek, Kimberly A.
; APPLICANT: Edinger, Shlomit R.
; APPLICANT: Ellerman, Karen
; APPLICANT: Malyankar, Uriel M.
; APPLICANT: Ort, Tatiana
; APPLICANT: Gorman, Linda
; APPLICANT: Zerhusen, Bryan D.
; APPLICANT: Anderson, David W.
; APPLICANT: Zhong, Mei
; APPLICANT: Catterton, Elina
; APPLICANT: Ji, Weizhen
; APPLICANT: Miller, Charles E.
; APPLICANT: Rastelli, Luca
; APPLICANT: Stone, David J.
; APPLICANT: Pena, Carol E. A.
; APPLICANT: Shenoy, Suresh G.
; APPLICANT: Shimkets, Richard A.
; APPLICANT: Rothenberg, Mark E.
; APPLICANT: Leach, Martin D.
; APPLICANT: Agee, Michele L.
; APPLICANT: Berghs, Constance
; TITLE OF INVENTION: NOVEL PROTEINS AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: 21402-462C
; CURRENT APPLICATION NUMBER: US/10/262,511
; CURRENT FILING DATE: 2003-05-28
; PRIOR APPLICATION NUMBER: 60/326,483
; PRIOR FILING DATE: 2001-10-02
; PRIOR APPLICATION NUMBER: 60/373,815
; PRIOR FILING DATE: 2002-04-19
; PRIOR APPLICATION NUMBER: 60/327,917
; PRIOR FILING DATE: 2001-10-09
; PRIOR APPLICATION NUMBER: 60/381,642
; PRIOR FILING DATE: 2002-05-17
; PRIOR APPLICATION NUMBER: 60/328,029
; PRIOR FILING DATE: 2002-10-09
; PRIOR APPLICATION NUMBER: 60/381,038
; PRIOR FILING DATE: 2002-05-16
; PRIOR APPLICATION NUMBER: 60/328,056
; PRIOR FILING DATE: 2001-10-09
; PRIOR APPLICATION NUMBER: 60/373,260
; PRIOR FILING DATE: 2002-04-17
; PRIOR APPLICATION NUMBER: 60/373,826
; PRIOR FILING DATE: 2002-04-19
; PRIOR APPLICATION NUMBER: 60/327,435
; PRIOR FILING DATE: 2001-10-05
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 439
; SOFTWARE: CuraseqList version 0.1
; SEQ ID NO 333
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
US-10-262-511-333

Query Match 4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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QY 773 TTCTGAGGCGAGCCCTC 790
Db 18 TTCTGAGGCGAGCACATC 1

Query Match 4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.4e+02;
Matches: 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

RESULT 952
US-10-262-511A-333/c
; Sequence 333, Application US/10262511A
; GENERAL INFORMATION:
; APPLICANT: Smithson, Glenda
; APPLICANT: Millet, Isabelle
; APPLICANT: Peyman, John A.
; APPLICANT: Kekuda, Ramesh
; APPLICANT: Ju, Jingfang
; APPLICANT: Li, Li
; APPLICANT: Guo, Xiaojia (Sasha)
; APPLICANT: Patturajan, Meera
; APPLICANT: Spytek, Kimberly A.
; APPLICANT: Edinger, Shlomit R.
; APPLICANT: Ellerman, Karen
; APPLICANT: Malyankar, Uriel M.
; APPLICANT: Ort, Tatiana
; APPLICANT: Gorman, Linda
; APPLICANT: Zerhusen, Bryan D.
; APPLICANT: Anderson, David W.
; APPLICANT: Zhong, Mei
; APPLICANT: Catterton, Elina
; APPLICANT: Ji, Weizhen
; APPLICANT: Miller, Charles E.
; APPLICANT: Rastelli, Luca
; APPLICANT: Stone, David J.
; APPLICANT: Pena, Carol E. A.
; APPLICANT: Shenoy, Suresh G.
; APPLICANT: Shimkets, Richard A.
; APPLICANT: Rothenberg, Mark E.
; APPLICANT: Leach, Martin D.
; APPLICANT: Agee, Michele L.
; APPLICANT: Barghe, Constance
; TITLE OF INVENTION: NOVEL PROTEINS AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: 21402-462C
; CURRENT APPLICATION NUMBER: US/10/262,511A
; CURRENT FILING DATE: 2002-10-01
; PRIOR APPLICATION NUMBER: 60/326,483
; PRIOR FILING DATE: 2001-10-02
; PRIOR APPLICATION NUMBER: 60/373,815
; PRIOR FILING DATE: 2002-04-19
; PRIOR APPLICATION NUMBER: 60/327,917
; PRIOR FILING DATE: 2001-10-09
; PRIOR APPLICATION NUMBER: 60/381,842
; PRIOR FILING DATE: 2002-05-17
; PRIOR APPLICATION NUMBER: 60/328,029
; PRIOR FILING DATE: 2002-10-09
; PRIOR APPLICATION NUMBER: 60/381,038
; PRIOR FILING DATE: 2002-05-16
; PRIOR APPLICATION NUMBER: 60/328,056
; PRIOR FILING DATE: 2001-10-09
; PRIOR APPLICATION NUMBER: 60/373,260
; PRIOR FILING DATE: 2002-04-17
; PRIOR APPLICATION NUMBER: 60/373,826
; PRIOR FILING DATE: 2002-04-19
; PRIOR APPLICATION NUMBER: 60/327,435
; PRIOR FILING DATE: 2001-10-05
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 439
; SOFTWARE: Curaseqlist version 0.1
; SEQ ID NO 333
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
US-10-262-511A-333

QY 773 TTCTGAGGCGAGCCCTC 790
Db 18 TTCTGAGGCGAGCACATC 1

Query Match 4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.4e+02;
Matches: 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

RESULT 953
US-10-266-090-39144/c
; Sequence 39144, Application US/10266090
; GENERAL INFORMATION:
; APPLICANT: GOFF, STEPHEN
; APPLICANT: BONAN, CAROLINE
; APPLICANT: COLBERT, MICHELLE
; APPLICANT: WANG, RONG-LIN
; TITLE OF INVENTION: CEREAL TRINUCLEOTIDE SIMPLE SEQUENCE
; TITLE OF INVENTION: REPEAT MARKERS AND THEIR USES
; FILE REFERENCE: NADII.058C1
; CURRENT APPLICATION NUMBER: US/10/266,090
; CURRENT FILING DATE: 2002-10-03
; PRIOR APPLICATION NUMBER: US 10/260,703
; PRIOR FILING DATE: 2002-09-26
; PRIOR APPLICATION NUMBER: US 60/326,117
; PRIOR FILING DATE: 2001-09-26
; NUMBER OF SEQ ID NOS: 51812
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 39144
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR PRIMER FOR SEQUENCE FROM ORYZA SATIVA
US-10-266-090-39144

QY 918 ATCATCACACACCCCTC 935
Db 18 ATCATCACAGCTCCCTC 1

Query Match 4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

RESULT 954
US-10-266-090-39163
; Sequence 39163, Application US/10266090
; GENERAL INFORMATION:
; APPLICANT: GOFF, STEPHEN
; APPLICANT: BONAN, CAROLINE
; APPLICANT: COLBERT, MICHELLE
; APPLICANT: WANG, RONG-LIN
; TITLE OF INVENTION: CEREAL TRINUCLEOTIDE SIMPLE SEQUENCE
; TITLE OF INVENTION: REPEAT MARKERS AND THEIR USES
; FILE REFERENCE: NADII.058C1
; CURRENT APPLICATION NUMBER: US/10/266,090
; CURRENT FILING DATE: 2002-10-03
; PRIOR APPLICATION NUMBER: US 10/260,703
; PRIOR FILING DATE: 2002-09-26
; PRIOR APPLICATION NUMBER: US 60/326,117
; PRIOR FILING DATE: 2001-09-26
; NUMBER OF SEQ ID NOS: 51812
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 39163
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR PRIMER FOR SEQUENCE FROM ORYZA SATIVA
US-10-266-090-39163

QY 918 ATCATCACACACCCCTC 935
Db 18 ATCATCACAGCTCCCTC 1

Query Match 4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

RESULT 954
US-10-266-090-39163
; Sequence 39163, Application US/10266090
; GENERAL INFORMATION:
; APPLICANT: GOFF, STEPHEN
; APPLICANT: BONAN, CAROLINE
; APPLICANT: COLBERT, MICHELLE
; APPLICANT: WANG, RONG-LIN
; TITLE OF INVENTION: CEREAL TRINUCLEOTIDE SIMPLE SEQUENCE
; TITLE OF INVENTION: REPEAT MARKERS AND THEIR USES
; FILE REFERENCE: NADII.058C1
; CURRENT APPLICATION NUMBER: US/10/266,090
; CURRENT FILING DATE: 2002-10-03
; PRIOR APPLICATION NUMBER: US 10/260,703
; PRIOR FILING DATE: 2002-09-26
; PRIOR APPLICATION NUMBER: US 60/326,117
; PRIOR FILING DATE: 2001-09-26
; NUMBER OF SEQ ID NOS: 51812
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 39163
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR PRIMER FOR SEQUENCE FROM ORYZA SATIVA
US-10-266-090-39163

```


Db 19 GGCCTCTACTCTGAG 2
Query Match 4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 764 GGCCTCTACTCTGAGG 781
Db 19 GGCCTCTACTCTGAG 2
RESULT 962
US-10-282-185A-5
; Sequence 5, Application US/10282185A
; GENERAL INFORMATION:
; APPLICANT: RIEPING, MECHTHILD
; APPLICANT: THIERBACH, GEORG
; TITLE OF INVENTION: ALLELES OF THE THRA GENE OF ENTEROBACTERIACEAE
; FILE REFERENCE: 39509-183935
; CURRENT APPLICATION NUMBER: US/10/282,185A
; CURRENT FILING DATE: 2003-01-31
; PRIOR APPLICATION NUMBER: 60/330,709
; PRIOR FILING DATE: 2001-10-29
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 5
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Escherichia coli
; FEATURE:
; OTHER INFORMATION: Primer Thral
US-10-282-185A-5
Query Match 4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 918 ATCATCACCACCCTC 935
Db 1 ACCATTACCACCCTC 18
RESULT 963
US-10-282-186A-5
; Sequence 5, Application US/10282186A

QY 912 CAGATTATCATCACCACC 929
Db 18 CAGATCTTCTCACCACC 1
RESULT 959
US-10-266-090-49668
; Sequence 49668, Application US/10266090
; GENERAL INFORMATION:
; APPLICANT: GOFF, STEPHEN
; APPLICANT: BONAN, CAROLINE
; APPLICANT: COLBERT, MICHELLE
; APPLICANT: WANG, RONG-LIN
; TITLE OF INVENTION: CEREAL TRINUCLEOTIDE SIMPLE SEQUENCE
; TITLE OF INVENTION: REPEAT MARKERS AND THEIR USES
; FILE REFERENCE: NADII.058C1
; CURRENT APPLICATION NUMBER: US/10/266,090
; CURRENT FILING DATE: 2002-10-03
; PRIOR APPLICATION NUMBER: US 10/260,703
; PRIOR FILING DATE: 2002-09-26
; PRIOR APPLICATION NUMBER: US 60/326,117
; PRIOR FILING DATE: 2001-09-26
; NUMBER OF SEQ ID NOS: 51812
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 49668
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR PRIMER FOR SEQUENCE FROM ORYZA SATIVA
US-10-266-090-49668
Query Match 4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 915 ATTATCATCACCACCACC 932
Db 1 ACTACCACCACCACCACC 18
RESULT 960
US-10-277-216-157/c
; Sequence 157, Application US/10277216
; GENERAL INFORMATION:
; APPLICANT: KEITH, TIM
; TITLE OF INVENTION: NOVEL HUMAN GENE RELATING TO RESPIRATORY DISEASES,
; TITLE OF INVENTION: OBESITY, AND INFLAMMATORY BOWEL DISEASE
; FILE REFERENCE: 2976-4051
; CURRENT APPLICATION NUMBER: US/10/277,216
; CURRENT FILING DATE: 2002-10-17
; PRIOR APPLICATION NUMBER: 10/126,022
; PRIOR FILING DATE: 2002-04-19
; PRIOR APPLICATION NUMBER: 09/834,597
; PRIOR FILING DATE: 2001-04-13
; PRIOR APPLICATION NUMBER: 09/548,797
; PRIOR FILING DATE: 2000-04-13
; NUMBER OF SEQ ID NOS: 420
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 157
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-277-216-157
Query Match 4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 764 GGCCTCTACTCTGAGG 781

```
; GENERAL INFORMATION:
; APPLICANT: RIEPING, MECHTHILD
; APPLICANT: THIERRACH, GEORG
; TITLE OF INVENTION: ALLELES OF THE THRA GENE OF ENTEROBACTERIACEAE
; FILE REFERENCE: 39509-183850
; CURRENT APPLICATION NUMBER: US/10/282,186A
; CURRENT FILING DATE: 2002-10-29
; PRIOR APPLICATION NUMBER: 60/330,711
; PRIOR FILING DATE: 2001-10-29
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 5
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Escherichia coli
; FEATURE:
; OTHER INFORMATION: Primer Thral
US-10-282-186A-5
```

```
Query Match 4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 918 ATCATCACCACCCCTC 935
Db 1 ACCATTACCACCCATC 18
```

```
RESULT 964
US-10-286-628-28/c
; Sequence 28, Application US/10286628
; GENERAL INFORMATION:
; APPLICANT: Gould, Michael N.
; TITLE OF INVENTION: Methods of Generating Knock-Out Rodents
; FILE REFERENCE: 960296.98491
; CURRENT APPLICATION NUMBER: US/10/286,628
; CURRENT FILING DATE: 2002-10-31
; PRIOR APPLICATION NUMBER: 60/335,117
; PRIOR FILING DATE: 2001-10-31
; NUMBER OF SEQ ID NOS: 42
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 28
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:synthetic
; OTHER INFORMATION: primer
US-10-286-628-28
```

```
Query Match 4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 915 ATTATCATCACCACCC 932
Db 19 AGTATCAGCACCACG 2
```

```
RESULT 965
US-10-289-762-2547/c
; Sequence 2547, Application US/10289762
; GENERAL INFORMATION:
; APPLICANT: Griffiths, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments thereof and uses thereof, in particular for the diagnosis, prevention and treatment of infection
; TITLE OF INVENTION:
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/10/289,762
; CURRENT FILING DATE: 2003-03-27
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 2547
; LENGTH: 20
```

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; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-10-289-762-2547
```

```
Query Match 4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 726 CTCTGGTCATAGGACTTG 743
Db 19 CTCTGATCAGGCTCTG 2
```

```
RESULT 966
US-10-300-683-42
; Sequence 42, Application US/10300683
; GENERAL INFORMATION:
; APPLICANT: Dunlop, Charles L.M.
; APPLICANT: Weisel, James M.
; TITLE OF INVENTION: APPROACHES TO IDENTIFY CYSTIC FIBROSIS
; FILE REFERENCE: CHARDUN.010A
; CURRENT APPLICATION NUMBER: US/10/300,683
; CURRENT FILING DATE: 2002-11-19
; PRIOR APPLICATION NUMBER: 60/333,531
; PRIOR FILING DATE: 2001-11-19
; NUMBER OF SEQ ID NOS: 554
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 42
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Diagnostic Oligonucleotide
US-10-300-683-42
```

```
Query Match 4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 919 TCATCACCACCCCTCC 936
Db 3 TCATCACCCTCCCTGC 20
```

```
RESULT 967
US-10-303-566-14
; Sequence 14, Application US/10303566
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Nicholas M. Dean
; APPLICANT: Kenneth W. Doble
; TITLE OF INVENTION: MODULATION OF CGG TRIPLET REPEAT BINDING PROTEIN 1 EXPRESSION
; FILE REFERENCE: HTS-0068
; CURRENT APPLICATION NUMBER: US/10/303,566
; CURRENT FILING DATE: 2002-11-21
; NUMBER OF SEQ ID NOS: 79
; SEQ ID NO 14
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-303-566-14
```

```
Query Match 4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 798 AGAGCTCTCTCCAACT 815
Db 2 AAGAGTTTCTCCATCT 19
```

```
RESULT 968
US-10-303-566-51/c
; Sequence 51, Application US/10303566
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Nicholas M. Dean
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF CGG TRIPLET REPEAT BINDING PROTEIN 1 EXPRESSION
; FILE REFERENCE: HHS-0068
; CURRENT APPLICATION NUMBER: US/10/303,566
; CURRENT FILING DATE: 2002-11-21
; NUMBER OF SEQ ID NOS: 79
; SEQ ID NO 51
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-303-566-51

Query Match      4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 798 AAGAGCTCTCTCCAACT 815
Db 19 AAGAGTTTCTCCATCT 2

RESULT 969
US-10-303-778-970
; Sequence 970, Application US/10303778
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL VIRAL
; FILE REFERENCE: 47416
; CURRENT APPLICATION NUMBER: US/10/303,778
; CURRENT FILING DATE: 2002-11-26
; NUMBER OF SEQ ID NOS: 17608
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 970
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-303-778-970

Query Match      4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 747 GGGTCCAGCGTCCCTAG 764
Db 3 GGGTCTGGGGTCCCTGG 20

RESULT 970
US-10-303-778-3809/c
; Sequence 3809, Application US/10303778
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL VIRAL
; FILE REFERENCE: 47416
; CURRENT APPLICATION NUMBER: US/10/303,778
; CURRENT FILING DATE: 2002-11-26
; NUMBER OF SEQ ID NOS: 17608
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 3809
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-303-778-3809
```

```
Query Match      4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 802 GCTCTCTCTCCAACTCAGG 819
Db 20 GCTCTGATCCAGCTCAGG 3

RESULT 971
US-10-304-116-33
; Sequence 33, Application US/10304116
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF CYTOKINE-INDUCIBLE KINASE EXPRESSION
; FILE REFERENCE: RTS-0397
; CURRENT APPLICATION NUMBER: US/10/304,116
; CURRENT FILING DATE: 2002-11-23
; NUMBER OF SEQ ID NOS: 138
; SEQ ID NO 33
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-304-116-33

Query Match      4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 781 GCAGCCCTCTGGTGCCA 798
Db 2 GCAGCACTTCTGGAGCCA 19

RESULT 972
US-10-304-116-103/c
; Sequence 103, Application US/10304116
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF CYTOKINE-INDUCIBLE KINASE EXPRESSION
; FILE REFERENCE: RTS-0397
; CURRENT APPLICATION NUMBER: US/10/304,116
; CURRENT FILING DATE: 2002-11-23
; NUMBER OF SEQ ID NOS: 138
; SEQ ID NO 103
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-304-116-103

Query Match      4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 781 GCAGCCCTCTGGTGCCA 798
Db 19 GCAGCACTTCTGGAGCCA 2

RESULT 973
US-10-310-188-36535/c
; Sequence 36535, Application US/10310188
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENES
; FILE REFERENCE: 47487
; CURRENT APPLICATION NUMBER: US/10/310,188
```

```
; CURRENT FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 86841
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 36535
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-310-188-36535

Query Match      4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      920 CATCACCACCCCTCCCA 937
Db      19 CATGCCACCTTCTCCCA 2

RESULT 974
US-10-310-188-64650
; Sequence 64650, Application US/10310188
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENE
; FILE REFERENCE: 47487
; CURRENT APPLICATION NUMBER: US/10/310,188
; CURRENT FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 86841
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 64650
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-310-188-64650

Query Match      4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      919 TCATCACCACCCACCTCC 936
Db      3 TCGTCTCACCCTCCCTCC 20

RESULT 975
US-10-310-188-71052/c
; Sequence 71052, Application US/10310188
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENE
; FILE REFERENCE: 47487
; CURRENT APPLICATION NUMBER: US/10/310,188
; CURRENT FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 86841
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 71052
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-310-188-71052

Query Match      4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      918 ATCATCACCACCCCTCC 935
Db      19 ATCATCATCATCATCTCC 2

RESULT 976
```

```
US-10-349-143-4564/c
; Sequence 4564, Application US/10349143
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 4564
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..20
; OTHER INFORMATION: upstream amplification primer 99-15916 for SEQ 630,
US-10-349-143-4564

Query Match      4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      917 TATCATCACCACCCCT 934
Db      19 TATCATCAAAACCACTCT 2

RESULT 977
US-10-349-143-5296
; Sequence 5296, Application US/10349143
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 5296
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..20
; OTHER INFORMATION: upstream amplification primer 99-23312 for SEQ 1362,
US-10-349-143-5296

Query Match      4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      888 CACTTACTTCTCAGCTTC 905
```



```
Db      3  CACTACTTCTTAGCATC 20
||||| ||||| ||||| |||||
Query Match      4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

RESULT 978
US-10-349-143-7138/c
; Sequence 7138, Application US/10349143
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENS.020CP1
; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/03/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 7138
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..20
; OTHER INFORMATION: upstream amplification primer 99-24753 for SEQ 3204,
US-10-349-143-7138

Query Match      4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      825  CTGTGCTCTTTTCTTCT 842
||||| ||||| ||||| |||||
Db      20  CTGTGCTCTTTTCTTCT 3

RESULT 979
US-10-388-263-494
; Sequence 494, Application US/10388263
; GENERAL INFORMATION:
; APPLICANT: Cowert, Lex M.
; APPLICANT: Baker, Brenda F.
; APPLICANT: McNeil, John
; APPLICANT: Freier, Susan M.
; APPLICANT: Sasmor, Henri M.
; APPLICANT: Brooks, Douglas G.
; APPLICANT: Ohashi, Cara
; APPLICANT: Wyatt, Jacqueline R.
; APPLICANT: Borchers, Alexander
; APPLICANT: Vickers, Timothy A.
; TITLE OF INVENTION: IDENTIFICATION OF GENETIC TARGETS FOR
; TITLE OF INVENTION: MODULATION BY OLIGONUCLEOTIDES AND
; TITLE OF INVENTION: GENERATION OF OLIGONUCLEOTIDES FOR GENE MODULATION
; FILE REFERENCE: ISIS-4503
; CURRENT APPLICATION NUMBER: US/10/388,263
; CURRENT FILING DATE: 2003-03-12
; NUMBER OF SEQ ID NOS: 947
; SOFTWARE: Fast-Seq for Windows Version 4.0
; SEQ ID NO 494
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-388-263-494
```

```
QY      834  TTTTCTCTCTGAGACAC 851
||||| ||||| ||||| |||||
Db      3  TTTTCTCTCTGAGACAC 20

RESULT 980
US-10-412-333-5
; Sequence 5, Application US/10412333
; GENERAL INFORMATION:
; APPLICANT: RIEPING, MECHTHILD
; APPLICANT: THIERBACH, GEORG
; TITLE OF INVENTION: ALLELES OF THE THRA GENE OF ENTEROBACTERIACEAE
; FILE REFERENCE: 39509-183850
; CURRENT APPLICATION NUMBER: US/10/412,333
; CURRENT FILING DATE: 2003-04-14
; PRIOR APPLICATION NUMBER: US/10/282,186A
; PRIOR FILING DATE: 2002-10-29
; PRIOR APPLICATION NUMBER: 60/330,711
; PRIOR FILING DATE: 2001-10-29
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 5
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Escherichia coli
; FEATURE:
; OTHER INFORMATION: Primer Thral
US-10-412-333-5

Query Match      4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      918  ATCATCACCACCCTC 935
||||| ||||| ||||| |||||
Db      1  ACCATTACCACCACCATC 18

RESULT 981
US-10-412-334-5
; Sequence 5, Application US/10412334
; GENERAL INFORMATION:
; APPLICANT: RIEPING, MECHTHILD
; APPLICANT: THIERBACH, GEORG
; TITLE OF INVENTION: ALLELES OF THE THRA GENE OF ENTEROBACTERIACEAE
; FILE REFERENCE: 39509-183935
; CURRENT APPLICATION NUMBER: US/10/412,334
; CURRENT FILING DATE: 2003-04-14
; PRIOR APPLICATION NUMBER: US/10/282,185A
; PRIOR FILING DATE: 2003-01-31
; PRIOR APPLICATION NUMBER: 60/330,709
; PRIOR FILING DATE: 2001-10-29
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 5
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Escherichia coli
; FEATURE:
; OTHER INFORMATION: Primer Thral
US-10-412-334-5

Query Match      4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      918  ATCATCACCACCCTC 935
||||| ||||| ||||| |||||
Db      1  ACCATTACCACCACCATC 18
```



```
US-10-605-840-2245
; Sequence 2245, Application US/10605840
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL VACCINIA REGULATORY
; FILE REFERENCE: 55027
; CURRENT APPLICATION NUMBER: US/10/605,840
; CURRENT FILING DATE: 2003-10-30
; NUMBER OF SEQ ID NOS: 3750
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 2245
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-605-840-2245

Query Match          4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      864 CAGTTGGAACACTTCTCT 881
Db      1 CAGCTGGAAGACACTTCT 18

RESULT 987
US-10-605-840-2770
; Sequence 2770, Application US/10605840
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL VACCINIA REGULATORY
; FILE REFERENCE: 55027
; CURRENT APPLICATION NUMBER: US/10/605,840
; CURRENT FILING DATE: 2003-10-30
; NUMBER OF SEQ ID NOS: 3750
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 2770
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-605-840-2770

Query Match          4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      864 CAGTTGGAACACTTCTCT 881
Db      1 CAGCTGGAAGACACTTCT 18

RESULT 988
US-10-628-109-160/c
; Sequence 160, Application US/10628109
; GENERAL INFORMATION:
; APPLICANT: Bowdish, Katherine S.
; APPLICANT: Frederickson, Shana
; APPLICANT: Lin, Ying-Chi
; APPLICANT: McWhirter, John
; APPLICANT: Maruyama, Toshiaki
; TITLE OF INVENTION: NESTED OLIGONUCLEOTIDES CONTAINING A HAIRPIN FOR NUCLEIC ACID
; FILE REFERENCE: 1087-35 DIV
; CURRENT APPLICATION NUMBER: US/10/628,109
; CURRENT FILING DATE: 2003-07-28
; PRIOR APPLICATION NUMBER: US 60/254,669
; PRIOR FILING DATE: 2000-12-11
; PRIOR APPLICATION NUMBER: US 60/323,400
; PRIOR FILING DATE: 2001-09-19
; PRIOR APPLICATION NUMBER: US 10/014,012
; PRIOR FILING DATE: 2001-12-10
```

```
; NUMBER OF SEQ ID NOS: 231
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 160
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; OTHER INFORMATION: boundary oligonucleotide
US-10-628-109-160

Query Match          4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      849 ACAGGTCCTCGCTCCAG 866
Db      18 ACAGGTCCTCGGCCAG 1

RESULT 989
US-10-641-962-225
; Sequence 225, Application US/10641962
; GENERAL INFORMATION:
; APPLICANT: Bennett et al.
; TITLE OF INVENTION: Oligonucleotide Compositions and Methods for the
; TITLE OF INVENTION: Modulation of the Expression of B7 Protein
; FILE REFERENCE: 30566/39578
; CURRENT APPLICATION NUMBER: US/10/641,962
; CURRENT FILING DATE: 2003-08-15
; NUMBER OF SEQ ID NOS: 444
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 225
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic primer
US-10-641-962-225

Query Match          4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      931 CCCTCCAGAGAAATTTTAC 948
Db      1 CCCTCCAGTGTATTAC 18

RESULT 990
US-10-647-918-30
; Sequence 30, Application US/10647918
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda
; APPLICANT: Bennett, C. Frank
; APPLICANT: Butler, Madeline M.
; APPLICANT: Shanahan, William R.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TUMOR NECROSIS FACTOR-ALPHA
; TITLE OF INVENTION: ALPHA) EXPRESSION
; FILE REFERENCE: ISPH-0501
; CURRENT APPLICATION NUMBER: US/10/647,918
; CURRENT FILING DATE: 2003-08-26
; PRIOR APPLICATION NUMBER: US/09/824,322B
; PRIOR FILING DATE: 2001-04-02
; PRIOR APPLICATION NUMBER: US 09/313,932
; PRIOR FILING DATE: 1999-05-18
; PRIOR APPLICATION NUMBER: US 09/166,186
; PRIOR FILING DATE: 1998-10-05
; NUMBER OF SEQ ID NOS: 503
; SEQ ID NO 30
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
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Query Match 4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

US-10-647-918-30

QY 759 CCCTAGGCTCCACTTCT 776
DB 2 CCCTAAGCCCCCAATTCT 19

RESULT 991

US-10-648-139A-15/c
; Sequence 15, Application US/10648139A

; GENERAL INFORMATION:

; APPLICANT: Armour, Christopher

; APPLICANT: Castle, John

; APPLICANT: Garrett-Engle, Philip

; APPLICANT: Johnson, Jason

; TITLE OF INVENTION: ALTERNATIVELY SPLICED ISOFORMS OF HUMAN PKA2

; FILE REFERENCE: RSG0204Y

; CURRENT APPLICATION NUMBER: US/10/648,139A

; CURRENT FILING DATE: 2003-08-26

; PRIOR APPLICATION NUMBER: US 60/408,058

; PRIOR FILING DATE: 2002-09-03

; PRIOR APPLICATION NUMBER: US 60/431,474

; PRIOR FILING DATE: 2002-12-05

; NUMBER OF SEQ ID NOS: 34

; SOFTWARE: PatentIn version 3.2

; SEQ ID NO 15

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Homo sapiens

US-10-648-139A-15

Query Match 4.6%; Score 13.2; DB 1; Length 20;

Best Local Similarity 83.3%; Pred. No. 5.4e+02;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 913 AGATTATCATCACCA 930
DB 19 ACATTTCATCACCA 2

RESULT 992

US-10-652-795-30
; Sequence 30, Application US/10652795

; GENERAL INFORMATION:

; APPLICANT: Baker, Brenda

; APPLICANT: Bennett, C. Frank

; APPLICANT: Butler, Madeline M.

; APPLICANT: Shanahan, William R.

; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TUMOR NECROSIS FACTOR-ALPHA

; FILE REFERENCE: ISFH-0501

; CURRENT APPLICATION NUMBER: US/10/652,795

; CURRENT FILING DATE: 2003-08-29

; PRIOR APPLICATION NUMBER: US/09/824,322B

; PRIOR FILING DATE: 2001-04-02

; PRIOR APPLICATION NUMBER: US 09/313,932

; PRIOR FILING DATE: 1999-05-18

; PRIOR APPLICATION NUMBER: US 09/166,186

; PRIOR FILING DATE: 1998-10-05

; NUMBER OF SEQ ID NOS: 503

; SEQ ID NO 30

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Synthetic

US-10-652-795-30

Query Match 4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 759 CCCTAGGCTCCACTTCT 776
DB 2 CCCTAAGCCCCCAATTCT 19

RESULT 993

US-10-670-184-103/c

; Sequence 103, Application US/10670184

; GENERAL INFORMATION:

; APPLICANT: KEITH, TIM

; TITLE OF INVENTION: NOVEL HUMAN GENE RELATING TO RESPIRATORY DISEASES AND

; FILE REFERENCE: 2976-4039

; CURRENT APPLICATION NUMBER: US/10/670,184

; CURRENT FILING DATE: 2003-09-24

; PRIOR APPLICATION NUMBER: 60/129,391

; PRIOR FILING DATE: 1999-04-13

; NUMBER OF SEQ ID NOS: 170

; SOFTWARE: PatentIn Ver. 2.1

; SEQ ID NO 103

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence: Primer

US-10-670-184-103

Query Match 4.6%; Score 13.2; DB 1; Length 20;

Best Local Similarity 83.3%; Pred. No. 5.4e+02;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 764 GGCCTCCACTTCTGAGGG 781
DB 19 GGCCTCTACTCTGAGAG 2

RESULT 994

US-10-728-399-119/c

; Sequence 119, Application US/10728399

; GENERAL INFORMATION:

; APPLICANT: Colca, Jerry

; TITLE OF INVENTION: ANTISENSE MODULATION OF MITOCHONDRIAL EXPRESSION

; FILE REFERENCE: 01455.1

; CURRENT APPLICATION NUMBER: US/10/728,399

; CURRENT FILING DATE: 2003-12-05

; NUMBER OF SEQ ID NOS: 627

; SOFTWARE: PatentIn version 3.2

; SEQ ID NO 119

; LENGTH: 20

; TYPE: DNA

; ORGANISM: artificial

; FEATURE:

; OTHER INFORMATION: human mitochondria antisense

US-10-728-399-119

Query Match 4.6%; Score 13.2; DB 1; Length 20;

Best Local Similarity 83.3%; Pred. No. 5.4e+02;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 971 TCTAAATCTGGTATGG 988
DB 20 TCTAAATCTGGTATGG 3

RESULT 995

US-10-728-399-140/c

; Sequence 140, Application US/10728399

; GENERAL INFORMATION:


```

; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Iliya
; APPLICANT: Abderrahim, Hadi
; APPLICANT: Dufauvre-Gare, Isabelle
; TITLE OF INVENTION: BIALLELIC MARKER MAPS FOR USE IN CONSTRUCTING A HIGH DENSITY...
; FILE REFERENCE: 84 US1.PRO
; CURRENT APPLICATION NUMBER: US/60/216,745
; CURRENT FILING DATE: 2000-06-30
; NUMBER OF SEQ ID NOS: 13665
; SOFTWARE: Patent.pm
; SEQ ID NO 6750
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..20
; OTHER INFORMATION: upstream amplification primer 99-36828 for SEQ 2219,
US-60-216-745-6750

```

```
Query Match          4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

Qy 834 TTTTCTTCTCTGAAGACA 851
Db 19 TTGTCTTCTCTGAACAGA 2

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RESULT 1000
US-60-216-745-12918/c
; Sequence 12918, Application US/60216745
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; APPLICANT: Abderrahim, Hadi
; APPLICANT: Dufauré-Gare, Isabelle
; TITLE OF INVENTION: BIALLELIC MARKER MAPS FOR USE IN CONSTRUCTING A HIGH DENSITY...
; FILE REFERENCE: 84.US1.PRO
; CURRENT APPLICATION NUMBER: US/60/216,745
; CURRENT FILING DATE: 2000-06-30
; NUMBER OF SEQ ID NOS: 13665
; SOFTWARE: Patent.pm
; SEQ ID NO 12918
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..20
; OTHER INFORMATION: downstream amplification primer 99-56921 for SEQ 3856, in comple
US-60-216-745-12918

```

```
Query Match      4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.4e+02;
Matches 15: Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

Qy 766 CCTCCACTTCTGAGGCA 783
|||
Db 20 CCTCCACTTCTAATGCCA 3

RESULT 1001
US-60-301-725-21/c
; Sequence 21, Application US/60301725
; GENERAL INFORMATION:
; APPLICANT: Heinrikson, Robert
; APPLICANT: Tonasselli, Alfredo
; APPLICANT: Sadukhan, Ramkrishna
; TITLE OF INVENTION: Human Caspase-9
; FILE REFERENCE: 2834/6328
; CURRENT APPLICATION NUMBER: US/60/301-725-21/c

```

; CURRENT FILING DATE: 2001-06-28
;
; NUMBER OF SEQ ID NOS: 40
;
; SOFTWARE: PatentIn Ver. 2.0
;
; SEQ ID NO 21
;
; LENGTH: 20
;
; TYPE: DNA
;
; ORGANISM: Artificial Sequence
;
; FEATURE:
;
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-60-301-725-21

```

Query Match 4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 803 CTCTCTCTCAACTCAGG 820
|||
Db 20 CTTTCTCTGCAACTCAAG 3

RESULT 1002
 PCI-US02-13679-127/c
 ; Sequence 127, Application PC/TUS0213679
 ; GENERAL INFORMATION:
 ; APPLICANT: UNIVERSITY OF FLORIDA
 ; APPLICANT: LEWIN, ALFRED S.
 ; APPLICANT: SHAW, LYNN C.
 ; APPLICANT: GRANT, MARIA B.
 ; TITLE OF INVENTION: rAAV-VECTORED RIBOZYME COMPOSITIONS AND METHODS FOR THE TREATMENT
 ; TITLE OF INVENTION: OF RETINAL DISEASES
 ; FILE REFERENCE: 4300.014110
 ; CURRENT APPLICATION NUMBER: PCT/US02/13679
 ; CURRENT FILING DATE: 2002-05-01
 ; PRIOR APPLICATION NUMBER: 09/847,601
 ; PRIOR FILING DATE: 2001-05-01
 ; PRIOR APPLICATION NUMBER: 09/063,667
 ; PRIOR FILING DATE: 1998-04-21
 ; PRIOR APPLICATION NUMBER: 60/046,147
 ; PRIOR FILING DATE: 1997-05-09
 ; PRIOR APPLICATION NUMBER: 60/044,492
 ; PRIOR FILING DATE: 1997-04-21
 ; NUMBER OF SEQ ID NOS: 190
 ; SOFTWARE: PatentIn version 3.1
 ; SEQ ID NO 127
 ; LENGTH: 14
 ; TYPE: RNA
 ; ORGANISM: Artificial
 ; FEATURE:
 ; NAME/KEY: misc feature
 ; OTHER INFORMATION: SYNTHETIC OLIGONUCLEOTIDE
 PC-TUS02-13679-127

```
Query Match      4.5%; Score 13; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.8e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

Qy 770 CACTTCTGAGGC 782
|||
p13 13 CACTTCTGAGGC 1

RESULT 1003
US/09-847-601B-119/c
; Sequence 119, Application US/09847601B
; GENERAL INFORMATION:
; APPLICANT: LEWIN, ALFRED S.
; APPLICANT: SHAW, LYNN C.
; APPLICANT: GRANT, MARIA B.
; TITLE OF INVENTION: AGENO-ASSOCIATED
; TITLE OF INVENTION: METHODS FOR THE
; FILE REFERENCE: 4300.014100
; CURRENT APPLICATION NUMBER: US/09/847
; CURRENT FILING DATE: 2001-05-01

; PRIOR APPLICATION NUMBER: 09/063,667
; PRIOR FILING DATE: 1998-04-21
; PRIOR APPLICATION NUMBER: 60/046,147
; PRIOR FILING DATE: 1997-05-09
; PRIOR APPLICATION NUMBER: 60/044,492
; PRIOR FILING DATE: 1997-04-21
; NUMBER OF SEQ ID NOS: 182
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 119
; LENGTH: 14
; TYPE: RNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: SYNTHETIC OLIGONUCLEOTIDE
US-09-847-601B-119

Query Match 4.5%; Score 13; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.8e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 770 CACTTCTGAGGC 782
Db 13 CACTTCTGAGGC 1

RESULT 1004

PCT-US01-12303-24/c
; Sequence 24, Application PC/TUS0112303
; GENERAL INFORMATION:
; APPLICANT: Genaisance Pharmaceuticals, Inc.
; APPLICANT: Choi, Julie Y.
; APPLICANT: Kliem, Stefanie E.
; APPLICANT: Koshy, Beena
; APPLICANT: Lee, Helen H.
; TITLE OF INVENTION: HAPLOTYPES OF THE APOE GENE
; FILE REFERENCE: MWH-0371PCT APOE
; CURRENT APPLICATION NUMBER: PCT/US01/12303
; CURRENT FILING DATE: 2001-04-16
; PRIOR APPLICATION NUMBER: 60/197,188
; PRIOR FILING DATE: 2000-04-14
; NUMBER OF SEQ ID NOS: 76
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 24
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
PCT-US01-12303-24

Query Match 4.5%; Score 13; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 4.2e+02;
Matches 13; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 747 GGCTCCAGGTCCTCC 761
Db 15 GGTCCAGGTCCTCC 1

RESULT 1005

PCT-US01-18811A-23/c
; Sequence 23, Application PC/TUS0118811A
; GENERAL INFORMATION:
; APPLICANT: Genaisance Pharmaceuticals, Inc.
; APPLICANT: Bentivegna, Steven C.
; APPLICANT: Bieglecki, Karyn
; APPLICANT: Duda, Amy
; APPLICANT: Kazemi, Amir
; APPLICANT: Koshy, Beena
; TITLE OF INVENTION: Haplotypes of the BDKRB2 Gene
; FILE REFERENCE: MWH-0740PCT BDKRB2
; CURRENT APPLICATION NUMBER: PCT/US01/18811A
; CURRENT FILING DATE: 2001-06-11
; PRIOR APPLICATION NUMBER: 60/210,575
; PRIOR FILING DATE: 2000-06-09

; NUMBER OF SEQ ID NOS: 57
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 23
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
PCT-US01-18811A-23

Query Match 4.5%; Score 13; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 832 TCTTTTCTTCTCT 844
Db 13 TCTTTTCTTCTCT 1

RESULT 1006

PCT-US02-25943-23809
; Sequence 23809, Application PC/TUS0225943
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Pseudomonas aeruginosa PA01, complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: PCT/US02/25943
; CURRENT FILING DATE: 2002-08-27
; NUMBER OF SEQ ID NOS: 64158
; SOFTWARE: Proprietary
; SEQ ID NO 23809
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Pseudomonas aeruginosa PA01, complete genome.
; FEATURE:
; LOCATION: (2331944)...(2331959)
; OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectronObjectNumber = 25570
PCT-US02-25943-23809

Query Match 4.5%; Score 13; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 920 CATCACCACCACC 932
Db 2 CATCACCACCACC 14

RESULT 1007

PCT-US02-25943-54455/c
; Sequence 54455, Application PC/TUS0225943
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Pseudomonas aeruginosa PA01, complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: PCT/US02/25943
; CURRENT FILING DATE: 2002-08-27
; NUMBER OF SEQ ID NOS: 64158
; SOFTWARE: Proprietary
; SEQ ID NO 54455
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Pseudomonas aeruginosa PA01, complete genome.
; FEATURE:
; LOCATION: (5326670)...(5326684)
; OTHER INFORMATION: Chromosome = 1 Strand = positive ConnectronObjectNumber = 58339
PCT-US02-25943-54455

Query Match 4.5%; Score 13; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 920 CATCACCACCACC 932
Db 14 CATCACCACCACC 2

```
RESULT 1008
PCT-US02-25943-54456
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-435-289-698
; INFORMATION FOR SEQ ID NO: 698:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-435-289-698
Query Match 4.5%; Score 13; DB 1; Length 15;
Best Local Similarity 76.9%; Pred. No. 4.2e+02;
Matches 10; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

Qy 917 TATCATCACCACC 929
   :||:|||||
Db 2 UAUCAUACCACC 14

RESULT 1010
US-10-227-565-23809
; Sequence 23809, Application US/10227565
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Pseudomonas aeruginosa PA01, complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/227,565
; CURRENT FILING DATE: 2002-08-26
; NUMBER OF SEQ ID NOS: 64158
; SOFTWARE: Proprietary
; SEQ ID NO 23809
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Pseudomonas aeruginosa PA01, complete genome.
; FEATURE:
; LOCATION: (2331944)...(2331959)
; OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectionObjectNumber = 25570
US-10-227-565-23809
Query Match 4.5%; Score 13; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 920 CATCACCACCACC 932
   |||||
Db 2 CATCACCACCACC 14

RESULT 1011
US-10-227-565-54455/c
; Sequence 54455, Application US/10227565
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Pseudomonas aeruginosa PA01, complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/227,565
; CURRENT FILING DATE: 2002-08-26
; NUMBER OF SEQ ID NOS: 64158
; SOFTWARE: Proprietary
; SEQ ID NO 54455
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Pseudomonas aeruginosa PA01, complete genome.
; FEATURE:
; LOCATION: (5326670)...(5326684)
; OTHER INFORMATION: Chromosome = 1 Strand = positive ConnectionObjectNumber = 58339
US-10-227-565-54455
Query Match 4.5%; Score 13; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 920 CATCACCACCACC 932
   |||||
Db 14 CATCACCACCACC 2
```

```
RESULT 1009
US-08-435-289-698
; Sequence 698, Application US/08435289
; GENERAL INFORMATION:
; APPLICANT: Couture, Larry
; APPLICANT: Stinchcomb, Dan
; APPLICANT: McSwiggen, James
; APPLICANT: Bisgaier, Charles
; APPLICANT: Pape, Michael
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; TITLE OF INVENTION: PREVENTION, INHIBITION OF
; TITLE OF INVENTION: PROGRESSION AND REGRESSION
; TITLE OF INVENTION: OF VASCULAR DISEASES
; NUMBER OF SEQUENCES: 1243
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; COUNTRY: California
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/435,289
; FILING DATE: May 5, 1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/363,240
; FILING DATE: 23 December 1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 212/122
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
```



```

; TYPE: DNA
; ORGANISM: Pseudomonas aeruginosa PA01, complete genome.
; FEATURE:
; LOCATION: (5326670)...(5326684)
; OTHER INFORMATION: Chromosome = 1 Strand = positive ConnectronObjectNumber = 58339
US-10-367-832A-54455

Query Match 4.5%; Score 13; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 920 CATCACCACCACC 932
Db 14 CATCACCACCACC 2

RESULT 1015
US-10-367-832A-54456
; Sequence 54456, Application US/10367832A
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Pseudomonas aeruginosa PA01, complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/367,832A
; CURRENT FILING DATE: 2002-08-26
; NUMBER OF SEQ ID NOS: 64158
; SOFTWARE: Proprietary
; SEQ ID NO 54456
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Pseudomonas aeruginosa PA01, complete genome.
; FEATURE:
; LOCATION: (5326670)...(5326684)
; OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectronObjectNumber = 58338
US-10-367-832A-54456

Query Match 4.5%; Score 13; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 920 CATCACCACCACC 932
Db 2 CATCACCACCACC 14

RESULT 1016
PCT-US02-25943-5209/c
; Sequence 5209, Application PC/TUS0225943
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Pseudomonas aeruginosa PA01, complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: PCT/US02/25943
; CURRENT FILING DATE: 2002-08-27
; NUMBER OF SEQ ID NOS: 64158
; SOFTWARE: Proprietary
; SEQ ID NO 5209
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Pseudomonas aeruginosa PA01, complete genome.
; FEATURE:
; LOCATION: (461043)...(461057)
; OTHER INFORMATION: Chromosome = 1 Strand = positive ConnectronObjectNumber = 5570
PCT-US02-25943-5209

Query Match 4.5%; Score 13; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 4.5e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 921 ATCACCACCACC 933
Db 15 ATCACCACCACC 3
```

```

RESULT 1012
US-10-227-565-54456
; Sequence 54456, Application US/10227565
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Pseudomonas aeruginosa PA01, complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/227,565
; CURRENT FILING DATE: 2002-08-26
; NUMBER OF SEQ ID NOS: 64158
; SOFTWARE: Proprietary
; SEQ ID NO 54456
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Pseudomonas aeruginosa PA01, complete genome.
; FEATURE:
; LOCATION: (5326670)...(5326684)
; OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectronObjectNumber = 58338
US-10-227-565-54456

Query Match 4.5%; Score 13; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 920 CATCACCACCACC 932
Db 2 CATCACCACCACC 14

RESULT 1013
US-10-367-832A-23809
; Sequence 23809, Application US/10367832A
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Pseudomonas aeruginosa PA01, complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/367,832A
; CURRENT FILING DATE: 2002-08-26
; NUMBER OF SEQ ID NOS: 64158
; SOFTWARE: Proprietary
; SEQ ID NO 23809
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Pseudomonas aeruginosa PA01, complete genome.
; FEATURE:
; LOCATION: (2331944)...(2331959)
; OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectronObjectNumber = 25570
US-10-367-832A-23809

Query Match 4.5%; Score 13; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 920 CATCACCACCACC 932
Db 2 CATCACCACCACC 14

RESULT 1014
US-10-367-832A-54455/c
; Sequence 54455, Application US/10367832A
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Pseudomonas aeruginosa PA01, complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/367,832A
; CURRENT FILING DATE: 2002-08-26
; NUMBER OF SEQ ID NOS: 64158
; SOFTWARE: Proprietary
; SEQ ID NO 54455
; LENGTH: 15
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RESULT 1017
PCT-US02-25943-48993/c
; Sequence 48993, Application PC/TUS0225943
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Pseudomonas aeruginosa PA01, complete genome.
; FILE REFERENCE: Jim Zeiger Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: PCT/US02/25943
; CURRENT FILING DATE: 2002-08-27
; NUMBER OF SEQ ID NOS: 64158
; SOFTWARE: Proprietary
; SEQ ID NO 48993
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Pseudomonas aeruginosa PA01, complete genome.
; FEATURE:
; LOCATION: (4712286)...(4712301)
; OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectronObjectNumber = 52457
PCT-US02-25943-48993

Query Match 4.5%; Score 13; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 4.5e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 921 ATCACCACCC 933
Db 15 ATCACCACCC 3

RESULT 1018
US-07-841-659-10/c
; Sequence 10, Application US/07841659
; GENERAL INFORMATION:
; APPLICANT: Abrams, John
; APPLICANT: Le, Hung
; APPLICANT: Nguyen, Hanh
; APPLICANT: Pearce, Michael
; APPLICANT: Zavodny, Paul
; TITLE OF INVENTION: Molecular cloning of a Monoclonal Antibody Against Human Interleukin-10
; NUMBER OF SEQUENCES: 15
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Schering-Plough Corporation
; STREET: One Giralda Farms
; CITY: Madison
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07940-1000
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: Apple Macintosh
; OPERATING SYSTEM: Macintosh 6.0.5
; SOFTWARE: Microsoft Word 4.00B
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/841,659
; FILING DATE: 19920219
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US07/782784
; FILING DATE: 24-OCT-1991
; APPLICATION NUMBER: US07/499327
; FILING DATE: 21-MAY-1990
; APPLICATION NUMBER: PCT/US88/03631
; FILING DATE: 21-OCT-1988
; APPLICATION NUMBER: US07/655966
; FILING DATE: 14-FEB-1991
; APPLICATION NUMBER: US07/113623
; FILING DATE: 26-OCT-1987
; APPLICATION NUMBER: US06/881553
; FILING DATE: 03-JUL-1986
; APPLICATION NUMBER: US06/843958
; FILING DATE: 25-MAR-1986
; APPLICATION NUMBER: US06/799668

FILING DATE: 19-NOV-1985
; ATTORNEY/AGENT INFORMATION:
; NAME: Dulak, Norman C.
; REGISTRATION NUMBER: 31,608
; REFERENCE/DOCKET NUMBER: 2409K6
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 201 822 7375
; TELEFAX: 201 822 7039
; TELEX: 219165
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
US-07-841-659-10

Query Match 4.5%; Score 13; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 4.5e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 718 GAGAGTGACTCTG 730
Db 16 GAGAGTGACTCTG 4

RESULT 1019
US-08-965-620-854/c
; Sequence 854, Application US/08965620
; GENERAL INFORMATION:
; APPLICANT: Lander, Eric S.
; APPLICANT: Wang, David
; APPLICANT: Hudson, Thomas
; TITLE OF INVENTION: Biallelic Markers
; NUMBER OF SEQUENCES: 3817
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: HAMILTON, BROOK, SMITH & REYNOLDS, P.C.
; STREET: Two Militia Drive
; CITY: Lexington
; STATE: MA
; COUNTRY: USA
; ZIP: 02173
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows 95
; SOFTWARE: Fast-SEQ for Windows Version 2.0b
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/965,620
; FILING DATE: 06-NOV-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/030,455
; FILING DATE: 06-NOV-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Granahan, Patricia
; REGISTRATION NUMBER: 32,227
; REFERENCE/DOCKET NUMBER: WH96-10pa (DUP)
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 781-861-6240
; TELEFAX: 781-861-9540
; TELEX:
; INFORMATION FOR SEQ ID NO: 854:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-965-620-854

Query Match 4.5%; Score 13; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 4.5e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 750 TCCAGGTCCT 762
16 TCCAGGTCCT 4

Db

RESULT 1020

US-09-653-225-1631

Sequence 1631, Application US/09653225

GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Chowira, Bharat

APPLICANT: McSwiggen, Jim

APPLICANT: Stinchcomb, Dan

TITLE OF INVENTION: Method and Reagent for the Inhibition of Telomerase Enzyme

FILE REFERENCE: MEHB00-882-C (400/019)

CURRENT APPLICATION NUMBER: US/09/653,225

CURRENT FILING DATE: 2000-08-31

PRIOR APPLICATION NUMBER: 60/197,769

PRIOR FILING DATE: 2000-04-14

PRIOR APPLICATION NUMBER: 60/150,713

PRIOR FILING DATE: 1999-08-31

NUMBER OF SEQ ID NOS: 5586

SOFTWARE: PatentIn version 3.0

SEQ ID NO 1631

LENGTH: 16

TYPE: RNA

ORGANISM: Homo sapiens

US-09-653-225-1631

Query Match 4.5%; Score 13; DB 1; Length 16;

Best Local Similarity 61.5%; Pred. No. 4.5e+02;

Matches 8; Conservative 5; Mismatches 0; Indels 0; Gaps 0;

QY 818 GGTTGGCTGTGT 830

Db 2 GGGUGGUGUGU 14

RESULT 1021

US-10-227-565-5209/c

Sequence 5209, Application US/10227565

GENERAL INFORMATION:

APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.

TITLE OF INVENTION: Pseudomonas aeruginosa PA01, complete genome.

FILE REFERENCE: Jim Zeeger Law Offices - 703-684-8333

CURRENT APPLICATION NUMBER: US/10/227,565

CURRENT FILING DATE: 2002-08-26

NUMBER OF SEQ ID NOS: 64158

SOFTWARE: Proprietary

SEQ ID NO 5209

LENGTH: 16

TYPE: DNA

ORGANISM: Pseudomonas aeruginosa PA01, complete genome.

FEATURE:

LOCATION: (461043)...(461057)

OTHER INFORMATION: Chromosome = 1 Strand = positive ConnectronObjectNumber = 5570

US-10-227-565-5209

Query Match 4.5%; Score 13; DB 1; Length 16;

Best Local Similarity 100.0%; Pred. No. 4.5e+02;

Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 921 ATCACCACCC 933

Db 15 ATCACCACCC 3

RESULT 1022

US-10-227-565-48993/c

Sequence 48993, Application US/10227565

GENERAL INFORMATION:

APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.

TITLE OF INVENTION: Pseudomonas aeruginosa PA01, complete genome.

FILE REFERENCE: Jim Zeeger Law Offices - 703-684-8333

CURRENT APPLICATION NUMBER: US/10/227,565

CURRENT FILING DATE: 2002-08-26

NUMBER OF SEQ ID NOS: 64158

SOFTWARE: Proprietary

SEQ ID NO 48993

LENGTH: 16

TYPE: DNA

ORGANISM: Pseudomonas aeruginosa PA01, complete genome.

FEATURE:

LOCATION: (4712286)...(4712301)

OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectronObjectNumber = 52457

US-10-227-565-48993

Query Match 4.5%; Score 13; DB 1; Length 16;

Best Local Similarity 100.0%; Pred. No. 4.5e+02;

Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 921 ATCACCACCC 933

Db 15 ATCACCACCC 3

RESULT 1023

US-10-367-832A-5209/c

Sequence 5209, Application US/10367832A

GENERAL INFORMATION:

APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.

TITLE OF INVENTION: Pseudomonas aeruginosa PA01, complete genome.

FILE REFERENCE: Jim Zeeger Law Offices - 703-684-8333

CURRENT APPLICATION NUMBER: US/10/367,832A

CURRENT FILING DATE: 2002-08-26

NUMBER OF SEQ ID NOS: 64158

SOFTWARE: Proprietary

SEQ ID NO 5209

LENGTH: 16

TYPE: DNA

ORGANISM: Pseudomonas aeruginosa PA01, complete genome.

FEATURE:

LOCATION: (461043)...(461057)

OTHER INFORMATION: Chromosome = 1 Strand = positive ConnectronObjectNumber = 5570

US-10-367-832A-5209

Query Match 4.5%; Score 13; DB 1; Length 16;

Best Local Similarity 100.0%; Pred. No. 4.5e+02;

Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 921 ATCACCACCC 933

Db 15 ATCACCACCC 3

RESULT 1024

US-10-367-832A-48993/c

Sequence 48993, Application US/10367832A

GENERAL INFORMATION:

APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.

TITLE OF INVENTION: Pseudomonas aeruginosa PA01, complete genome.

FILE REFERENCE: Jim Zeeger Law Offices - 703-684-8333

CURRENT APPLICATION NUMBER: US/10/367,832A

CURRENT FILING DATE: 2002-08-26

NUMBER OF SEQ ID NOS: 64158

SOFTWARE: Proprietary

SEQ ID NO 48993

LENGTH: 16

TYPE: DNA

ORGANISM: Pseudomonas aeruginosa PA01, complete genome.

FEATURE:

LOCATION: (4712286)...(4712301)

OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectronObjectNumber = 52457

US-10-367-832A-48993

QY 750 TCCAGGTCCT 762
16 TCCAGGTCCT 4

Db

RESULT 1020

US-09-653-225-1631

Sequence 1631, Application US/09653225

GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Chowira, Bharat

APPLICANT: McSwiggen, Jim

APPLICANT: Stinchcomb, Dan

TITLE OF INVENTION: Method and Reagent for the Inhibition of Telomerase Enzyme

FILE REFERENCE: MEHB00-882-C (400/019)

CURRENT APPLICATION NUMBER: US/09/653,225

CURRENT FILING DATE: 2000-08-31

PRIOR APPLICATION NUMBER: 60/197,769

PRIOR FILING DATE: 2000-04-14

PRIOR APPLICATION NUMBER: 60/150,713

PRIOR FILING DATE: 1999-08-31

NUMBER OF SEQ ID NOS: 5586

SOFTWARE: PatentIn version 3.0

SEQ ID NO 1631

LENGTH: 16

TYPE: RNA

ORGANISM: Homo sapiens

US-09-653-225-1631

Query Match 4.5%; Score 13; DB 1; Length 16;

Best Local Similarity 61.5%; Pred. No. 4.5e+02;

Matches 8; Conservative 5; Mismatches 0; Indels 0; Gaps 0;

QY 818 GGTTGGCTGTGT 830

Db 2 GGGUGGUGUGU 14

RESULT 1021

US-10-227-565-5209/c

Sequence 5209, Application US/10227565

GENERAL INFORMATION:

APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.

TITLE OF INVENTION: Pseudomonas aeruginosa PA01, complete genome.

FILE REFERENCE: Jim Zeeger Law Offices - 703-684-8333

CURRENT APPLICATION NUMBER: US/10/227,565

CURRENT FILING DATE: 2002-08-26

NUMBER OF SEQ ID NOS: 64158

SOFTWARE: Proprietary

SEQ ID NO 5209

LENGTH: 16

TYPE: DNA

ORGANISM: Pseudomonas aeruginosa PA01, complete genome.

FEATURE:

LOCATION: (461043)...(461057)

OTHER INFORMATION: Chromosome = 1 Strand = positive ConnectronObjectNumber = 5570

US-10-227-565-5209

Query Match 4.5%; Score 13; DB 1; Length 16;

Best Local Similarity 100.0%; Pred. No. 4.5e+02;

Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 921 ATCACCACCC 933

Db 15 ATCACCACCC 3

RESULT 1022

US-10-227-565-48993/c

Sequence 48993, Application US/10227565

GENERAL INFORMATION:

APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.

```
Query Match          4.5%; Score 13; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 4.5e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 921 ATCACCACCC 933
Db 15 ATCACCACCC 3

RESULT 1025
US-10-712-672-1631
; Sequence 1631, Application US/10712672
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Chowrira, Bharat
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Telomerase Enzyme
; FILE REFERENCE: MHB00-882-C (400/019)
; CURRENT APPLICATION NUMBER: US/10/712,672
; CURRENT FILING DATE: 2003-11-13
; PRIOR APPLICATION NUMBER: US/09/653,225
; PRIOR FILING DATE: 2000-08-31
; PRIOR APPLICATION NUMBER: 60/197,769
; PRIOR FILING DATE: 2000-04-14
; PRIOR APPLICATION NUMBER: 60/150,713
; PRIOR FILING DATE: 1999-08-31
; NUMBER OF SEQ ID NOS: 5586
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 1631
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-712-672-1631

Query Match          4.5%; Score 13; DB 1; Length 16;
Best Local Similarity 61.5%; Pred. No. 4.5e+02;
Matches 8; Conservative 5; Mismatches 0; Indels 0; Gaps 0;

QY 818 GGGTGGCTGTGT 830
Db 2 GGGUUGGUGUGU 14

RESULT 1026
PCT-US02-25943-25613
; Sequence 25613, Application PC/TUS0225943
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Pseudomonas aeruginosa PA01, complete genome.
; FILE REFERENCE: Jim Zeeger Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: PCT/US02/25943
; CURRENT FILING DATE: 2002-08-27
; NUMBER OF SEQ ID NOS: 64158
; SOFTWARE: Proprietary
; SEQ ID NO 25613
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Pseudomonas aeruginosa PA01, complete genome.
; FEATURE:
; LOCATION: (2503722)...(2503738)
; OTHER INFORMATION: Chromosome = 1 Strand = positive ConnectronObjectNumber = 27489
PCT-US02-25943-25613

Query Match          4.5%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 4.8e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 921 ATCACCACCC 933
Db 2 ATCACCACCC 14

RESULT 1027
PCT-US02-25943-25614/c
; Sequence 25614, Application PC/TUS0225943
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Pseudomonas aeruginosa PA01, complete genome.
; FILE REFERENCE: Jim Zeeger Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: PCT/US02/25943
; CURRENT FILING DATE: 2002-08-27
; NUMBER OF SEQ ID NOS: 64158
; SOFTWARE: Proprietary
; SEQ ID NO 25614
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Pseudomonas aeruginosa PA01, complete genome.
; FEATURE:
; LOCATION: (2503722)...(2503738)
; OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectronObjectNumber = 27488
PCT-US02-25943-25614

Query Match          4.5%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 4.8e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 921 ATCACCACCC 933
Db 16 ATCACCACCC 4

RESULT 1028
PCT-US02-25943-48994
; Sequence 48994, Application PC/TUS0225943
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Pseudomonas aeruginosa PA01, complete genome.
; FILE REFERENCE: Jim Zeeger Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: PCT/US02/25943
; CURRENT FILING DATE: 2002-08-27
; NUMBER OF SEQ ID NOS: 64158
; SOFTWARE: Proprietary
; SEQ ID NO 48994
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Pseudomonas aeruginosa PA01, complete genome.
; FEATURE:
; LOCATION: (4712286)...(4712302)
; OTHER INFORMATION: Chromosome = 1 Strand = positive ConnectronObjectNumber = 52458
PCT-US02-25943-48994

Query Match          4.5%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 4.8e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 921 ATCACCACCC 933
Db 2 ATCACCACCC 14

RESULT 1029
US-08-979-416-1024/c
; Sequence 1024, Application US/08979416
; GENERAL INFORMATION:
; APPLICANT: Michael Zwick
; APPLICANT: James A. McSwiggen
; TITLE OF INVENTION: COMPOSITIONS AND METHOD FOR
; TITLE OF INVENTION: MODULATION OF ALKALOID BIOSYNTHESIS
; TITLE OF INVENTION: AND FLOWER FORMATION IN PLANTS
; NUMBER OF SEQUENCES: 1598
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
```

STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FASTSEQ for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/979,416
FILING DATE: November 26, 1997
CLASSIFICATION: 800
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/036,545
FILING DATE: January 28, 1997
APPLICATION NUMBER: 60/036,599
FILING DATE: January 28, 1997
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 230/265
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1024:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-979-416-1024

Query Match 4.5%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 4.8e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 794 TGCCAAGAGCTCT 806
Db 15 TGCCAAGAGCTCT 3

RESULT 1030
US-08-979-416-1025/c
Sequence 1025, Application US/08979416
GENERAL INFORMATION:
APPLICANT: Michael Zwick
APPLICANT: James A. McSwiggen
TITLE OF INVENTION: COMPOSITIONS AND METHOD FOR
TITLE OF INVENTION: MODULATION OF ALKALOID BIOSYNTHESIS
TITLE OF INVENTION: AND FLOWER FORMATION IN PLANTS
NUMBER OF SEQUENCES: 1598
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FASTSEQ for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/979,416
FILING DATE: November 26, 1997
CLASSIFICATION: 800
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/036,545

FILING DATE: January 28, 1997
APPLICATION NUMBER: 60/036,599
FILING DATE: January 28, 1997
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 230/265
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1025:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-979-416-1025

Query Match 4.5%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 4.8e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 794 TGCCAAGAGCTCT 806
Db 13 TGCCAAGAGCTCT 1

RESULT 1031
US-09-591-997-651/c
Sequence 651, Application US/09591997
GENERAL INFORMATION:
APPLICANT: Ribozyne Pharmaceuticals, Inc.
APPLICANT: Zwick, Michael
APPLICANT: McSwiggen, Jim
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR MODULATION OF ALKALOID BIOSYNTHESIS
TITLE OF INVENTION: FLOWER FORMATION IN PLANTS
FILE REFERENCE: MBH00-889-C (250/004)
CURRENT APPLICATION NUMBER: US/09/591,997
CURRENT FILING DATE: 2000-06-12
PRIOR APPLICATION NUMBER: 08/979,416
PRIOR FILING DATE: 1997-11-26
NUMBER OF SEQ ID NOS: 1599
SOFTWARE: PatentIn version 3.0
SEQ ID NO 651
LENGTH: 17
TYPE: RNA
ORGANISM: Solanum tuberosum
US-09-591-997-651

Query Match 4.5%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 4.8e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 794 TGCCAAGAGCTCT 806
Db 15 TGCCAAGAGCTCT 3

RESULT 1032
US-09-591-997-652/c
Sequence 652, Application US/09591997
GENERAL INFORMATION:
APPLICANT: Ribozyne Pharmaceuticals, Inc.
APPLICANT: Zwick, Michael
APPLICANT: McSwiggen, Jim
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR MODULATION OF ALKALOID BIOSYNTHESIS
TITLE OF INVENTION: FLOWER FORMATION IN PLANTS
FILE REFERENCE: MBH00-889-C (250/004)
CURRENT APPLICATION NUMBER: US/09/591,997
CURRENT FILING DATE: 2000-06-12
PRIOR APPLICATION NUMBER: 08/979,416
PRIOR FILING DATE: 1997-11-26

; NUMBER OF SEQ ID NOS: 1599
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 652
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Solarium tuberosum
US-09-591-997-652

Query Match 4.5%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 4.8e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 794 TGCCAAGAGCTCT 806
Db 13 TGCCAAGAGCTCT 1

RESULT 1033
US-09-653-225-108
; Sequence 108, Application US/09653225
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Chowira, Bharat
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Telomerase Enzyme
; FILE REFERENCE: MBH00-882-C (400/019)
; CURRENT APPLICATION NUMBER: US/09/653,225
; CURRENT FILING DATE: 2000-08-31
; PRIOR APPLICATION NUMBER: 60/197,769
; PRIOR FILING DATE: 2000-04-14
; PRIOR APPLICATION NUMBER: 60/150,713
; PRIOR FILING DATE: 1999-08-31
; NUMBER OF SEQ ID NOS: 5586
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 108
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-653-225-108

Query Match 4.5%; Score 13; DB 1; Length 17;
Best Local Similarity 61.5%; Pred. No. 4.8e+02;
Matches 8; Conservative 5; Mismatches 0; Indels 0; Gaps 0;

Qy 818 GGGTTGGCTGTGT 830
Db 5 GGGUUGGUGUGU 17

RESULT 1034
US-09-653-225-837
; Sequence 837, Application US/09653225
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Chowira, Bharat
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Telomerase Enzyme
; FILE REFERENCE: MBH00-882-C (400/019)
; CURRENT APPLICATION NUMBER: US/09/653,225
; CURRENT FILING DATE: 2000-08-31
; PRIOR APPLICATION NUMBER: 60/197,769
; PRIOR FILING DATE: 2000-04-14
; PRIOR APPLICATION NUMBER: 60/150,713
; PRIOR FILING DATE: 1999-08-31
; NUMBER OF SEQ ID NOS: 5586
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 837
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-653-225-837

Query Match 4.5%; Score 13; DB 1; Length 17;
Best Local Similarity 61.5%; Pred. No. 4.8e+02;
Matches 8; Conservative 5; Mismatches 0; Indels 0; Gaps 0;

Qy 818 GGGTTGGCTGTGT 830
Db 1 GGGUUGGUGUGU 13

RESULT 1035
US-10-227-565-25613
; Sequence 25613, Application US/10227565
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Pseudomonas aeruginosa PA01, complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/227,565
; CURRENT FILING DATE: 2002-08-26
; NUMBER OF SEQ ID NOS: 64158
; SOFTWARE: Proprietary
; SEQ ID NO 25613
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Pseudomonas aeruginosa PA01, complete genome.
; FEATURE:
; LOCATION: (2503722)...(2503738)
; OTHER INFORMATION: Chromosome = 1 Strand = positive ConnectronObjectNumber = 27489
US-10-227-565-25613

Query Match 4.5%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 4.8e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 921 ATCACCACCACCC 933
Db 2 ATCACCACCACCC 14

RESULT 1036
US-10-227-565-25614/C
; Sequence 25614, Application US/10227565
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Pseudomonas aeruginosa PA01, complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/227,565
; CURRENT FILING DATE: 2002-08-26
; NUMBER OF SEQ ID NOS: 64158
; SOFTWARE: Proprietary
; SEQ ID NO 25614
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Pseudomonas aeruginosa PA01, complete genome.
; FEATURE:
; LOCATION: (2503722)...(2503738)
; OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectronObjectNumber = 27488
US-10-227-565-25614

Query Match 4.5%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 4.8e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 921 ATCACCACCACCC 933
Db 16 ATCACCACCACCC 4

RESULT 1037
US-10-227-565-48994
; Sequence 48994, Application US/10227565
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.

; TITLE OF INVENTION: Pseudomonas aeruginosa PA01, complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/227,565
; CURRENT FILING DATE: 2002-08-26
; NUMBER OF SEQ ID NOS: 64158
; SOFTWARE: Proprietary
; SEQ ID NO 48994
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Pseudomonas aeruginosa PA01, complete genome.
; FEATURE:
; LOCATION: (4712286)...(4712302)
; OTHER INFORMATION: Chromosome = 1 Strand = positive ConnectronObjectNumber = 52458
US-10-227-565-48994

Query Match
Best Local Similarity 4.5%; Score 13; DB 1; Length 17;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 921 ATCACCACCACCC 933
Db 2 ATCACCACCACCC 14

RESULT 1038
US-10-367-832A-25613
; Sequence 25613, Application US/10367832A
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Pseudomonas aeruginosa PA01, complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/367,832A
; CURRENT FILING DATE: 2002-08-26
; NUMBER OF SEQ ID NOS: 64158
; SOFTWARE: Proprietary
; SEQ ID NO 25613
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Pseudomonas aeruginosa PA01, complete genome.
; FEATURE:
; LOCATION: (2503722)...(2503738)
; OTHER INFORMATION: Chromosome = 1 Strand = positive ConnectronObjectNumber = 27489
US-10-367-832A-25613

Query Match
Best Local Similarity 4.5%; Score 13; DB 1; Length 17;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 921 ATCACCACCACCC 933
Db 2 ATCACCACCACCC 14

RESULT 1039
US-10-367-832A-25614/c
; Sequence 25614, Application US/10367832A
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Pseudomonas aeruginosa PA01, complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/367,832A
; CURRENT FILING DATE: 2002-08-26
; NUMBER OF SEQ ID NOS: 64158
; SOFTWARE: Proprietary
; SEQ ID NO 25614
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Pseudomonas aeruginosa PA01, complete genome.
; FEATURE:
; LOCATION: (2503722)...(2503738)
; OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectronObjectNumber = 27488
US-10-367-832A-25614

Query Match
Best Local Similarity 4.5%; Score 13; DB 1; Length 17;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 921 ATCACCACCACCC 933
Db 16 ATCACCACCACCC 4

RESULT 1040
US-10-367-832A-48994
; Sequence 48994, Application US/10367832A
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Pseudomonas aeruginosa PA01, complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/367,832A
; CURRENT FILING DATE: 2002-08-26
; NUMBER OF SEQ ID NOS: 64158
; SOFTWARE: Proprietary
; SEQ ID NO 48994
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Pseudomonas aeruginosa PA01, complete genome.
; FEATURE:
; LOCATION: (4712286)...(4712302)
; OTHER INFORMATION: Chromosome = 1 Strand = positive ConnectronObjectNumber = 52458
US-10-367-832A-48994

Query Match
Best Local Similarity 4.5%; Score 13; DB 1; Length 17;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 921 ATCACCACCACCC 933
Db 2 ATCACCACCACCC 14

RESULT 1041
US-10-712-672-108
; Sequence 108, Application US/10712672
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Chowrira, Bharat
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Telomerase Enzyme
; FILE REFERENCE: MBHB00-882-C (400/019)
; CURRENT APPLICATION NUMBER: US/10/712,672
; CURRENT FILING DATE: 2003-11-13
; PRIOR APPLICATION NUMBER: US/09/653,225
; PRIOR FILING DATE: 2000-08-31
; PRIOR APPLICATION NUMBER: 60/197,769
; PRIOR FILING DATE: 2000-04-14
; PRIOR APPLICATION NUMBER: 60/150,713
; PRIOR FILING DATE: 1999-08-31
; NUMBER OF SEQ ID NOS: 5586
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 108
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-712-672-108

Query Match
Best Local Similarity 4.5%; Score 13; DB 1; Length 17;
Matches 8; Conservative 5; Mismatches 0; Indels 0; Gaps 0;

QY 818 GGGTTGGCTGTGT 830
Db 5 GGGUUGGUGUGU 17

RESULT 1042
 US-10-712-837
 ; Sequence 837, Application US/10712672
 ; GENERAL INFORMATION:
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.
 ; APPLICANT: Chowrira, Bharat
 ; APPLICANT: McSwiggen, Jim
 ; APPLICANT: Stinchcomb, Dan
 ; TITLE OF INVENTION: Method and Reagent for the Inhibition of Telomerase Enzyme
 ; FILE REFERENCE: MHB00-882-C (400/919)
 ; CURRENT APPLICATION NUMBER: US/10/712,672
 ; CURRENT FILING DATE: 2003-11-13
 ; PRIOR APPLICATION NUMBER: US/09/653,225
 ; PRIOR FILING DATE: 2000-08-31
 ; PRIOR APPLICATION NUMBER: 60/197,769
 ; PRIOR FILING DATE: 2000-04-14
 ; PRIOR APPLICATION NUMBER: 60/150,713
 ; PRIOR FILING DATE: 1999-08-31
 ; NUMBER OF SEQ ID NOS: 5586
 ; SOFTWARE: Patent in version 3.0
 ; SEQ ID NO 837
 ; LENGTH: 17
 ; TYPE: RNA
 ; ORGANISM: Homo sapiens
 US-10-712-672-837

Query Match 4.5%; Score 13; DB 1; Length 17;
 Best Local Similarity 61.5%; Pred. No. 4.8e+02;
 Matches 8; Conservative 5; Mismatches 0; Indels 0; Gaps 0;

Qy 818 GGGTTGGCTGTGT 830
 Db 1 GGGUUGGUGUGU 13

RESULT 1043
 PCT-US01-22751-75/c
 ; Sequence 75, Application PC/TUS0122751
 ; GENERAL INFORMATION:
 ; APPLICANT: Isis Pharmaceuticals, Inc.
 ; APPLICANT: C. Frank Bennett
 ; APPLICANT: Lex M. Cowsett
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HER-3 EXPRESSION
 ; FILE REFERENCE: RTSP-0148
 ; CURRENT APPLICATION NUMBER: PCT/US01/22751
 ; CURRENT FILING DATE: 2001-07-18
 ; PRIOR APPLICATION NUMBER: 09/630,706
 ; PRIOR FILING DATE: 2000-07-31
 ; NUMBER OF SEQ ID NOS: 94
 ; SEQ ID NO 75
 ; LENGTH: 18
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Antisense Oligonucleotide
 PCT-US01-22751-75

Query Match 4.5%; Score 13; DB 1; Length 18;
 Best Local Similarity 100.0%; Pred. No. 5.1e+02;
 Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 863 CCAGTTGGAACAC 875
 Db 13 CCAGTTGGAACAC 1

RESULT 1044
 PCT-US99-30653-44/c
 ; Sequence 44, Application PC/TUS9930653
 ; GENERAL INFORMATION:
 ; APPLICANT: Brett P. Monia
 ; APPLICANT: Brenda F. Baker
 ; APPLICANT: Hong Zhang

; APPLICANT: Lex M. Cowsett
 ; APPLICANT: ISIS PHARMACEUTICALS, INC.
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF PADD EXPRESSION
 ; FILE REFERENCE: RTSP-0037
 ; CURRENT APPLICATION NUMBER: PCT/US99/30653
 ; CURRENT FILING DATE: 1999-12-23
 ; EARLIER APPLICATION NUMBER: US 09/357,072
 ; EARLIER FILING DATE: 1999-07-19
 ; NUMBER OF SEQ ID NOS: 87
 ; SEQ ID NO 44
 ; LENGTH: 18
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Antisense Oligonucleotide
 PCT-US99-30653-44

Query Match 4.5%; Score 13; DB 1; Length 18;
 Best Local Similarity 100.0%; Pred. No. 5.1e+02;
 Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 967 ACTCTCTAAATCT 979
 Db 18 ACTCTCTAAATCT 6

RESULT 1045
 US-09-882-945A-150/c
 ; Sequence 150, Application US/09882945A
 ; GENERAL INFORMATION:
 ; APPLICANT: Lyamichev, Victor
 ; APPLICANT: Allawi, Hatim
 ; APPLICANT: Dong, Fang
 ; APPLICANT: Neri, Bruce
 ; APPLICANT: Vener, Tatiana
 ; TITLE OF INVENTION: Nucleic Acid Accessible Hybridization Sites
 ; FILE REFERENCE: FORS-04586
 ; CURRENT APPLICATION NUMBER: US/09/882,945A
 ; CURRENT FILING DATE: 2001-06-15
 ; NUMBER OF SEQ ID NOS: 334
 ; SOFTWARE: Patent in version 3.0
 ; SEQ ID NO 150
 ; LENGTH: 18
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Synthetic
 US-09-882-945A-150

Query Match 4.5%; Score 13; DB 1; Length 18;
 Best Local Similarity 100.0%; Pred. No. 5.1e+02;
 Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 955 AGAGCCAAATTGA 967
 Db 18 AGAGCCAAATTGA 6

RESULT 1046
 US-10-019-791-44/c
 ; Sequence 44, Application US/10019791
 ; GENERAL INFORMATION:
 ; APPLICANT: Brett P. Monia
 ; APPLICANT: Brenda F. Baker
 ; APPLICANT: Hong Zhang
 ; APPLICANT: Lex M. Cowsett
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF PADD EXPRESSION
 ; FILE REFERENCE: RTSP-0243
 ; CURRENT APPLICATION NUMBER: US/10/019,791
 ; CURRENT FILING DATE: 2001-01-04
 ; PRIOR APPLICATION NUMBER: US 09/357,072
 ; PRIOR FILING DATE: 1999-07-19
 ; NUMBER OF SEQ ID NOS: 87


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; SEQ ID NO 44
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-019-791-44

Query Match          4.5%; Score 13; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 967 ACTCTCTAAATCT 979
Db 18 ACTCTCTAAATCT 6

RESULT 1047
US-10-266-090-45062/c
; Sequence 45062, Application US/10266090
; GENERAL INFORMATION:
; APPLICANT: BONAN, CAROLINE
; APPLICANT: COLBERT, MICHELLE
; APPLICANT: WANG, RONG-LIN
; TITLE OF INVENTION: CEREAL TRINUCLEOTIDE SIMPLE SEQUENCE
; TITLE OF INVENTION: REPEAT MARKERS AND THEIR USES
; FILE REFERENCE: NADII.058C1
; CURRENT APPLICATION NUMBER: US/10/266,090
; CURRENT FILING DATE: 2002-10-03
; PRIOR APPLICATION NUMBER: US 10/260,703
; PRIOR FILING DATE: 2002-09-26
; PRIOR APPLICATION NUMBER: US 60/326,117
; PRIOR FILING DATE: 2001-09-26
; NUMBER OF SEQ ID NOS: 51812
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 45062
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR PRIMER FOR SEQUENCE FROM ORYZA SATIVA
US-10-266-090-45062

Query Match          4.5%; Score 13; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 919 TCATCACCACCAC 931
Db 14 TCATCACCACCAC 2

RESULT 1048
US-10-395-241-19
; Sequence 19, Application US/10395241
; GENERAL INFORMATION:
; APPLICANT: YAOI, Katsuro
; APPLICANT: MITSUISHI, Yasushi
; TITLE OF INVENTION: NOVEL XYLOGLUCAN OLIGOSACCHARIDE-DEGRADING ENZYME, POLYNUCLEOTIDE
; TITLE OF INVENTION: ENCODING THE SAME, AND METHOD OF PREPARING THE ENZYME
; FILE REFERENCE: 073756
; CURRENT APPLICATION NUMBER: US/10/395,241
; CURRENT FILING DATE: 2003-03-25
; PRIOR APPLICATION NUMBER: JP 2002-83433
; PRIOR FILING DATE: 2002-03-25
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 19
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:

```

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; OTHER INFORMATION: Histidine tag
US-10-395-241-19
; Query Match          4.5%; Score 13; DB 1; Length 18;
; Best Local Similarity 66.7%; Pred. No. 5.1e+02;
; Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 918 ATCATCACCACCACC 932
Db 2 AYCAYCAYCAYCAYC 16

RESULT 1049
PCT-US03-04088-122
; Sequence 122, Application PC/TUS0304088
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Telomerase Gene
; TITLE OF INVENTION: Expression Using Short Interfering RNA (siRNA)
; FILE REFERENCE: 02-708-A (400/080)
; CURRENT APPLICATION NUMBER: PCT/US03/04088
; CURRENT FILING DATE: 2003-04-28
; PRIOR APPLICATION NUMBER: US 60/396,600
; PRIOR FILING DATE: 2002-07-17
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 526
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 122
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siNA sense
; OTHER INFORMATION: region
PCT-US03-04088-122

Query Match          4.5%; Score 13; DB 1; Length 19;
Best Local Similarity 61.5%; Pred. No. 5.4e+02;
Matches 8; Conservative 5; Mismatches 0; Indels 0; Gaps 0;

QY 818 GGGTTGGCTGTGT 830
Db 7 GGGUUGGCUGUGU 19

RESULT 1050
PCT-US03-04088-386/c
; Sequence 386, Application PC/TUS0304088
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Telomerase Gene
; TITLE OF INVENTION: Expression Using Short Interfering RNA (siRNA)
; FILE REFERENCE: 02-708-A (400/080)
; CURRENT APPLICATION NUMBER: PCT/US03/04088
; CURRENT FILING DATE: 2003-04-28
; PRIOR APPLICATION NUMBER: US 60/396,600

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; PRIOR FILING DATE: 2002-07-17
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 626
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 386
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense
; OTHER INFORMATION: region
PCT-US03-04088-386

Query Match          4.5%; Score 13; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 5.4e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 818 GGGTTGGCTGTGT 830
Db 13 GGGTTGGCTGTGT 1

RESULT 1051
US-09-935-998A-33
; Sequence 33, Application US/09935998A
; GENERAL INFORMATION:
; APPLICANT: Genetic Technologies
; TITLE OF INVENTION: Intron Sequence Analysis Method for Detection of Adjacent and Rem
; TITLE OF INVENTION: Locus Alleles as Haplotypes
; FILE REFERENCE: 005493.P001
; CURRENT APPLICATION NUMBER: US/09/935,998A
; CURRENT FILING DATE: 2001-08-23
; PRIOR APPLICATION NUMBER: US 07/949,652
; PRIOR FILING DATE: 1992-09-23
; PRIOR APPLICATION NUMBER: US 07/551,239
; PRIOR FILING DATE: 1990-07-11
; PRIOR APPLICATION NUMBER: US 07/465,863
; PRIOR FILING DATE: 1990-01-16
; PRIOR APPLICATION NUMBER: US 07/405,499
; PRIOR FILING DATE: 1989-09-11
; PRIOR APPLICATION NUMBER: US 07/398,217
; PRIOR FILING DATE: 1989-08-25
; NUMBER OF SEQ ID NOS: 78
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 33
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-935-998A-33

Query Match          4.5%; Score 13; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 5.4e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 718 GAGAGTGACTCTG 730
Db 4 GAGAGTGACTCTG 16

RESULT 1051
US-10-005-626A-33
; Sequence 33, Application US/10005626A
; GENERAL INFORMATION:
; APPLICANT: Genetic Technologies
; TITLE OF INVENTION: Intron Sequence Analysis Method for Detection of Adjacent and Rem
; TITLE OF INVENTION: Locus Alleles as Haplotypes
; FILE REFERENCE: 21401-7002
; CURRENT APPLICATION NUMBER: US/10/005,626A
; CURRENT FILING DATE: 2001-12-03
; PRIOR APPLICATION NUMBER: US 10/005,626
; PRIOR FILING DATE: 2001-12-03
; PRIOR APPLICATION NUMBER: US 09/070,497
; PRIOR FILING DATE: 1998-04-30
; PRIOR APPLICATION NUMBER: US 08/682,054
; PRIOR FILING DATE: 1996-07-16
; PRIOR APPLICATION NUMBER: US 07/949,652
; PRIOR FILING DATE: 1992-09-23
; PRIOR APPLICATION NUMBER: US 07/551,239
; PRIOR FILING DATE: 1990-07-11
; PRIOR APPLICATION NUMBER: US 07/465,863
; PRIOR FILING DATE: 1990-01-16
; PRIOR APPLICATION NUMBER: US 07/405,499
; PRIOR FILING DATE: 1989-09-11
; PRIOR APPLICATION NUMBER: US 07/398,217
; PRIOR FILING DATE: 1989-08-25
; NUMBER OF SEQ ID NOS: 78
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 33
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-005-626A-33

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RESULT 1052
US-09-935-998B-33
; Sequence 33, Application US/09935998B
; GENERAL INFORMATION:
; APPLICANT: Genetic Technologies
; TITLE OF INVENTION: Intron Sequence Analysis Method for Detection of Adjacent and
; TITLE OF INVENTION: Remote Locus Alleles as Haplotypes
; FILE REFERENCE: 005493.P001
; CURRENT APPLICATION NUMBER: US/09/935,998B
; CURRENT FILING DATE: 2001-08-23
; PRIOR APPLICATION NUMBER: US 07/949,652
; PRIOR FILING DATE: 1992-09-23
; PRIOR APPLICATION NUMBER: US 07/551,239
; PRIOR FILING DATE: 1990-07-11
; PRIOR APPLICATION NUMBER: US 07/465,863
; PRIOR FILING DATE: 1990-01-16
; PRIOR APPLICATION NUMBER: US 07/405,499
; PRIOR FILING DATE: 1989-09-11
; PRIOR APPLICATION NUMBER: US 07/398,217
; PRIOR FILING DATE: 1989-08-25
; NUMBER OF SEQ ID NOS: 87
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 33
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-935-998B-33

Query Match          4.5%; Score 13; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 5.4e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 718 GAGAGTGACTCTG 730
Db 4 GAGAGTGACTCTG 16

RESULT 1053
US-10-005-626A-33
; Sequence 33, Application US/10005626A
; GENERAL INFORMATION:
; APPLICANT: Genetype A.G.
; TITLE OF INVENTION: Intron Sequence Analysis Method for Detection of Adjacent and Rem
; TITLE OF INVENTION: Locus Alleles as Haplotypes
; FILE REFERENCE: 21401-7002
; CURRENT APPLICATION NUMBER: US/10/005,626A
; CURRENT FILING DATE: 2001-12-03
; PRIOR APPLICATION NUMBER: US 10/005,626
; PRIOR FILING DATE: 2001-12-03
; PRIOR APPLICATION NUMBER: US 09/070,497
; PRIOR FILING DATE: 1998-04-30
; PRIOR APPLICATION NUMBER: US 08/682,054
; PRIOR FILING DATE: 1996-07-16
; PRIOR APPLICATION NUMBER: US 07/949,652
; PRIOR FILING DATE: 1992-09-23
; PRIOR APPLICATION NUMBER: US 07/551,239
; PRIOR FILING DATE: 1990-07-11
; PRIOR APPLICATION NUMBER: US 07/465,863
; PRIOR FILING DATE: 1990-01-16
; PRIOR APPLICATION NUMBER: US 07/405,499
; PRIOR FILING DATE: 1989-09-11
; PRIOR APPLICATION NUMBER: US 07/398,217
; PRIOR FILING DATE: 1989-08-25
; NUMBER OF SEQ ID NOS: 78
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 33
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-005-626A-33

```

Query Match 4.5%; Score 13; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 5.4e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 718 GAGAGTCACTCTG 730
|||||
DB 4 GAGAGTCACTCTG 16

RESULT 1054

PCT-US01-15774-20/c
; Sequence 20, Application PC/TUS0115774
; GENERAL INFORMATION:
; APPLICANT: Isis Pharmaceuticals, Inc.
; APPLICANT: Brett P. Monia
; APPLICANT: William Gaarde
; APPLICANT: Susan M. Freier
; APPLICANT: Edward V. Wanciewicz
; TITLE OF INVENTION: ANTISENSE MODULATION OF TERT EXPRESSION
; FILE REFERENCE: ISPH-0568
; CURRENT APPLICATION NUMBER: PCT/US01/15774
; PRIOR FILING DATE: 2001-05-15
; PRIOR FILING DATE: 2001-05-15
; PRIOR FILING DATE: 2000-05-16
; NUMBER OF SEQ ID NOS: 108
; SEQ ID NO 20
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
PCT-US01-15774-20

Query Match 4.5%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 5.7e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 818 GGGTGGCTGTGT 830
|||||
DB 19 GGGTGGCTGTGT 7

RESULT 1055

PCT-US03-16249-79
; Sequence 79, Application PC/TUS0316249
; GENERAL INFORMATION:
; APPLICANT: Isis Pharmaceuticals Inc.
; APPLICANT: Nicholas M. Dean
; APPLICANT: Susan M. Freier
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF HMG-COA REDUCTASE EXPRESSION
; FILE REFERENCE: PFS-0023WO
; CURRENT APPLICATION NUMBER: PCT/US03/16249
; PRIOR FILING DATE: 2003-07-02
; PRIOR FILING DATE: 2002-07-02
; PRIOR FILING DATE: 2002-07-02
; NUMBER OF SEQ ID NOS: 479
; SEQ ID NO 79
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
PCT-US03-16249-79

Query Match 4.5%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 5.7e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 856 CCTGGCTCCAGTT 868
|||||
DB 6 CCTGGCTCCAGTT 18

RESULT 1056

PCT-US03-16249-276/c
; Sequence 276, Application PC/TUS0316249
; GENERAL INFORMATION:
; APPLICANT: Isis Pharmaceuticals Inc.
; APPLICANT: Nicholas M. Dean
; APPLICANT: Susan M. Freier
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF HMG-COA REDUCTASE EXPRESSION
; FILE REFERENCE: PFS-0023WO
; CURRENT APPLICATION NUMBER: PCT/US03/16249
; PRIOR FILING DATE: 2003-07-02
; PRIOR FILING DATE: 2002-07-02
; PRIOR FILING DATE: 2002-07-02
; NUMBER OF SEQ ID NOS: 479
; SEQ ID NO 276
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
PCT-US03-16249-276

Query Match 4.5%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 5.7e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 856 CCTGGCTCCAGTT 868
|||||
DB 15 CCTGGCTCCAGTT 3

RESULT 1057

PCT-US03-16249-432
; Sequence 432, Application PC/TUS0316249
; GENERAL INFORMATION:
; APPLICANT: Isis Pharmaceuticals Inc.
; APPLICANT: Nicholas M. Dean
; APPLICANT: Susan M. Freier
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF HMG-COA REDUCTASE EXPRESSION
; FILE REFERENCE: PFS-0023WO
; CURRENT APPLICATION NUMBER: PCT/US03/16249
; PRIOR FILING DATE: 2003-07-02
; PRIOR FILING DATE: 2002-07-02
; PRIOR FILING DATE: 2002-07-02
; NUMBER OF SEQ ID NOS: 479
; SEQ ID NO 432
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
PCT-US03-16249-432

Query Match 4.5%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 5.7e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 856 CCTGGCTCCAGTT 868
|||||
DB 1 CCTGGCTCCAGTT 13

RESULT 1058

US-07-776-150-150
; Sequence 150, Application US/07776150
; GENERAL INFORMATION:
; APPLICANT: Lander, Eric S.
; APPLICANT: Dietrich, William F.
; APPLICANT: Katz, Hillary E.
; APPLICANT: Jacob, Howard J.
; TITLE OF INVENTION: Genetic Markers for the Mouse and Rat

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; TITLE OF INVENTION: Genome
; NUMBER OF SEQUENCES: 526
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.
; STREET: Two Militia Drive
; CITY: Lexington
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02173
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA: US/07/776,150
; FILING DATE: 19911015
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Granahan, Patricia
; REGISTRATION NUMBER: 32,227
; REFERENCE/DOCKET NUMBER: WH191-06
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-861-6240
; TELEFAX: 617-861-9540
; INFORMATION FOR SEQ ID NO: 150:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-07-776-150-150

Query Match 4.5%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 5.7e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 716 AGGAGAGTGACTC 728
Db 7 AGGAGAGTGACTC 19

RESULT 1059
US-09-964-261-198/c
; Sequence 198, Application US/09964261
; GENERAL INFORMATION:
; APPLICANT: De Canck, Ilse
; APPLICANT: Rombout, Annelles
; APPLICANT: Rossau, Rudi
; TITLE OF INVENTION: METHOD FOR THE AMPLIFICATION OF HLA CLASS I ALLELES
; FILE REFERENCE: IG3-002
; CURRENT APPLICATION NUMBER: US/09/964,261
; CURRENT FILING DATE: 2001-09-25
; PRIOR APPLICATION NUMBER: EP 99870068.6
; PRIOR FILING DATE: 1999-04-09
; PRIOR APPLICATION NUMBER: US 60/138,614
; PRIOR FILING DATE: 1999-06-11
; NUMBER OF SEQ ID NOS: 446
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 198
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-964-261-198

Query Match 4.5%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 5.7e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 718 GAGAGTGACTCTG 730
Db 718 GAGAGTGACTCTG 730

RESULT 1060
US-10-190-366-79
; Sequence 79, Application US/10190366
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean
; APPLICANT: Susan M. Freier
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF HMG-COA REDUCTASE EXPRESSION
; FILE REFERENCE: PTS-0023
; CURRENT APPLICATION NUMBER: US/10/190,366
; CURRENT FILING DATE: 2002-07-02
; NUMBER OF SEQ ID NOS: 409
; SEQ ID NO 79
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
; US-10-190-366-79

Query Match 4.5%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 5.7e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 856 CCTGGCTCCAGTT 868
Db 6 CCTGGCTCCAGTT 18

RESULT 1061
US-10-190-366-276/c
; Sequence 276, Application US/10190366
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean
; APPLICANT: Susan M. Freier
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF HMG-COA REDUCTASE EXPRESSION
; FILE REFERENCE: PTS-0023
; CURRENT APPLICATION NUMBER: US/10/190,366
; CURRENT FILING DATE: 2002-07-02
; NUMBER OF SEQ ID NOS: 409
; SEQ ID NO 276
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
; US-10-190-366-276

Query Match 4.5%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 5.7e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 856 CCTGGCTCCAGTT 868
Db 15 CCTGGCTCCAGTT 3

RESULT 1062
US-10-266-090-46211/c
; Sequence 46211, Application US/10266090
; GENERAL INFORMATION:
; APPLICANT: GOFF, STEPHEN
; APPLICANT: BONAN, CAROLINE
; APPLICANT: COLBERT, MICHELLE
; APPLICANT: WANG, RONG-LIN
; TITLE OF INVENTION: CEREAL TRINUCLEOTIDE SIMPLE SEQUENCE
; FILE REFERENCE: NAD11.058C1
; CURRENT APPLICATION NUMBER: US/10/266,090
; CURRENT FILING DATE: 2002-10-03
; PRIOR APPLICATION NUMBER: US 10/260,703
```

; PRIOR FILING DATE: 2002-09-26
; PRIOR APPLICATION NUMBER: US 60/326,117
; PRIOR FILING DATE: 2001-09-26
; NUMBER OF SEQ ID NOS: 51812
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 48060
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR PRIMER FOR SEQUENCE FROM ORYZA SATIVA
US-10-266-090-48060

Query Match 4.5%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 5.7e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 945 TTACGCAGACAGA 957
Db 7 TTACGCAGACAGA 19

RESULT 1065
US-10-266-090-49480
; Sequence 49480, Application US/10266090
; GENERAL INFORMATION:
; APPLICANT: GOFF, STEPHEN
; APPLICANT: BONAN, CAROLINE
; APPLICANT: COLBERT, MICHELLE
; APPLICANT: WANG, RONG-LIN
; TITLE OF INVENTION: CEREAL TRINUCLEOTIDE SIMPLE SEQUENCE
; FILE REFERENCE: NADII.058C1
; CURRENT APPLICATION NUMBER: US 10/266,090
; PRIOR FILING DATE: 2002-10-03
; PRIOR APPLICATION NUMBER: US 10/260,703
; PRIOR FILING DATE: 2002-09-26
; PRIOR APPLICATION NUMBER: US 60/326,117
; PRIOR FILING DATE: 2001-09-26
; NUMBER OF SEQ ID NOS: 51812
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 49480
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR PRIMER FOR SEQUENCE FROM ORYZA SATIVA
US-10-266-090-49480

Query Match 4.5%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 5.7e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 920 CATCACCACCACC 932
Db 8 CATCACCACCACC 20

RESULT 1066
US-10-303-778-15737
; Sequence 15737, Application US/10303778
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL
; FILE REFERENCE: 47416
; CURRENT APPLICATION NUMBER: US/10/303,778
; CURRENT FILING DATE: 2002-11-26
; NUMBER OF SEQ ID NOS: 17608
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 15737
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens

; PRIOR FILING DATE: 2002-09-26
; PRIOR APPLICATION NUMBER: US 60/326,117
; PRIOR FILING DATE: 2001-09-26
; NUMBER OF SEQ ID NOS: 51812
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 46211
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR PRIMER FOR SEQUENCE FROM ORYZA SATIVA
US-10-266-090-46211

Query Match 4.5%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 5.7e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 805 CTCCTCCAACTCA 817
Db 17 CTCCTCCAACTCA 5

RESULT 1063
US-10-266-090-47244/c
; Sequence 47244, Application US/10266090
; GENERAL INFORMATION:
; APPLICANT: GOFF, STEPHEN
; APPLICANT: BONAN, CAROLINE
; APPLICANT: COLBERT, MICHELLE
; APPLICANT: WANG, RONG-LIN
; TITLE OF INVENTION: CEREAL TRINUCLEOTIDE SIMPLE SEQUENCE
; FILE REFERENCE: NADII.058C1
; CURRENT APPLICATION NUMBER: US/10/266,090
; PRIOR FILING DATE: 2002-10-03
; PRIOR APPLICATION NUMBER: US 10/260,703
; PRIOR FILING DATE: 2002-09-26
; PRIOR APPLICATION NUMBER: US 60/326,117
; PRIOR FILING DATE: 2001-09-26
; NUMBER OF SEQ ID NOS: 51812
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 47244
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR PRIMER FOR SEQUENCE FROM ORYZA SATIVA
US-10-266-090-47244

Query Match 4.5%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 5.7e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 765 GCCTCCACTTCTG 777
Db 16 GCCTCCACTTCTG 4

RESULT 1064
US-10-266-090-48060
; Sequence 48060, Application US/10266090
; GENERAL INFORMATION:
; APPLICANT: GOFF, STEPHEN
; APPLICANT: BONAN, CAROLINE
; APPLICANT: COLBERT, MICHELLE
; APPLICANT: WANG, RONG-LIN
; TITLE OF INVENTION: CEREAL TRINUCLEOTIDE SIMPLE SEQUENCE
; FILE REFERENCE: NADII.058C1
; CURRENT APPLICATION NUMBER: US/10/266,090
; CURRENT FILING DATE: 2002-10-03
; PRIOR APPLICATION NUMBER: US 10/260,703
; PRIOR FILING DATE: 2002-09-26

US-10-303-778-15737

Query Match 4.5%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 5.7e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 832 TCTTTCTCTCT 844
| | | | | | | | | |
DB 1 TCTTTCTCTCT 13

RESULT 1067

US-10-719-956-50928
; Sequence 50928, Application US/10719956
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Rat
; FILE REFERENCE: 3527.1
; CURRENT APPLICATION NUMBER: US/10/719,956
; CURRENT FILING DATE: 2003-11-20
; PRIOR APPLICATION NUMBER: 60/427,836
; PRIOR FILING DATE: 2002 11 20
; NUMBER OF SEQ ID NOS: 699466
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 50928
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-10-719-956-50928

Query Match 4.5%; Score 13; DB 1; Length 25;
Best Local Similarity 76.2%; Pred. No. 7e+02;
Matches 16; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 873 CACTTCTCTGAGTCACTTA 893
| | | | | | | | | |
DB 5 CACTCTCTCTGGAACTACTGA 25

RESULT 1068

US-60-427-836-50928
; Sequence 50928, Application US/60427836
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Rat
; FILE REFERENCE: 3527
; CURRENT APPLICATION NUMBER: US/60/427,836
; CURRENT FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 699466
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 50928
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-60-427-836-50928

Query Match 4.5%; Score 13; DB 1; Length 25;
Best Local Similarity 76.2%; Pred. No. 7e+02;
Matches 16; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 873 CACTTCTCTGAGTCACTTA 893
| | | | | | | | | |
DB 5 CACTCTCTCTGGAACTACTGA 25

RESULT 1069

US-10-303-778-16609/c
; Sequence 16609, Application US/10303778
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL
; FILE REFERENCE: 47416
; TITLE OF INVENTION: REGULATORY GENES AND USES THEREOF

US-10-303-778-16609
; CURRENT APPLICATION NUMBER: US/10/303,778
; CURRENT FILING DATE: 2002-11-26
; NUMBER OF SEQ ID NOS: 17608
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 16609
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-303-778-16609

Query Match 4.1%; Score 12; DB 1; Length 21;
Best Local Similarity 75.0%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 751 CCCAGGGTCCCTAGGCTCC 770
| | | | | | | | | |
DB 21 CCCAGGGCTCTGTGACCCC 2

RESULT 1070

US-10-681-773-101330/c
; Sequence 101330, Application US/10681773
; GENERAL INFORMATION:
; APPLICANT: Matsuzaki, Hajime
; APPLICANT: Mei, Rui
; APPLICANT: Shen, Mei-Mei
; APPLICANT: Kennedy, Giulia
; TITLE OF INVENTION: Methods for Genotyping Polymorphisms in Humans
; FILE REFERENCE: 3522.2
; CURRENT APPLICATION NUMBER: US/10/681,773
; CURRENT FILING DATE: 2003-10-07
; PRIOR APPLICATION NUMBER: 60/470,475
; PRIOR FILING DATE: 2002-05-14
; PRIOR APPLICATION NUMBER: 60/417,190
; PRIOR FILING DATE: 2002-10-08
; NUMBER OF SEQ ID NOS: 124031
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 101330
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-681-773-101330

Query Match 4.1%; Score 12; DB 1; Length 25;
Best Local Similarity 75.0%; Pred. No. 9e+02;
Matches 15; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 944 TTTACGCAAGAGAGCCAAA 963
| | | | | | | | | |
DB 20 TTTAGACAGAAAAGGCAGA 1

RESULT 1071

US-60-417-190-55923/c
; Sequence 55923, Application US/60417190
; GENERAL INFORMATION:
; APPLICANT: Giulia Kennedy
; APPLICANT: Hajime Matsuzaki
; APPLICANT: Mei-Mei Shen
; TITLE OF INVENTION: Methods for Genotyping Polymorphisms in Humans
; FILE REFERENCE: 3522
; CURRENT APPLICATION NUMBER: US/60/417,190
; CURRENT FILING DATE: 2002-10-02
; NUMBER OF SEQ ID NOS: 122930
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 55923
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-60-417-190-55923

Query Match 4.1%; Score 12; DB 1; Length 25;
Best Local Similarity 75.0%; Pred. No. 9e+02;

Matches 15; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 944 TTTACGCAAGAGAGCCAAA 963
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Db 20 TTTAGACAGAAAAGGCAGA 1

RESULT 1072
US-60-470-475-101330/c
; Sequence 101330, Application US/60470475
; GENERAL INFORMATION:
; APPLICANT: Matsuzaki, Hajime
; APPLICANT: Shen, Mei-Mei
; APPLICANT: Kennedy, Giulia
; TITLE OF INVENTION: Methods for Genotyping Polymorphisms in Humans
; FILE REFERENCE: 3522.1
; CURRENT APPLICATION NUMBER: US/60/470,475
; CURRENT FILING DATE: 2003-05-14
; PRIOR APPLICATION NUMBER: 60/417,190
; PRIOR FILING DATE: 2002-10-08
; NUMBER OF SEQ ID NOS: 124031
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 101330
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-60-470-475-101330

Query Match 4.1%; Score 12; DB 1; Length 25;
Best Local Similarity 75.0%; Pred. No. 9e+02;
Matches 15; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 944 TTTACGCAAGAGAGCCAAA 963
|||||
Db 20 TTTAGACAGAAAAGGCAGA 1

RESULT 1073
US-10-719-956-50925
; Sequence 50925, Application US/10719956
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Rat
; FILE REFERENCE: 3527.1
; CURRENT APPLICATION NUMBER: US/10/719,956
; CURRENT FILING DATE: 2003-11-20
; PRIOR APPLICATION NUMBER: 60/427,836
; PRIOR FILING DATE: 2002 11 20
; NUMBER OF SEQ ID NOS: 699466
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 50925
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-10-719-956-50925

Query Match 4.1%; Score 11.8; DB 1; Length 25;
Best Local Similarity 86.7%; Pred. No. 9.4e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 929 CACCTCCAGAGAAAT 943
|||||
Db 5 CACTCTCCAGGGAAT 19

RESULT 1074
US-60-427-836-50925
; Sequence 50925, Application US/60427836
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Rat
; FILE REFERENCE: 3527
; CURRENT APPLICATION NUMBER: US/60/427,836

; CURRENT FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 699466
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 50925
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-60-427-836-50925

Query Match 4.1%; Score 11.8; DB 1; Length 25;
Best Local Similarity 86.7%; Pred. No. 9.4e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 929 CACCTCCAGAGAAAT 943
|||||
Db 5 CACTCTCCAGGGAAT 19

RESULT 1075
US-10-355-577-336408
; Sequence 336408, Application US/10355577
; GENERAL INFORMATION:
; APPLICANT: Mittmann, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Probes: HG-U133
; FILE REFERENCE: 3121
; CURRENT APPLICATION NUMBER: US/10/355,577
; CURRENT FILING DATE: 2003-01-31
; NUMBER OF SEQ ID NOS: 997516
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 336408
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-355-577-336408

Query Match 4.1%; Score 11.8; DB 1; Length 25;
Best Local Similarity 86.7%; Pred. No. 9.4e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 713 CCCAGAGAGTGACT 727
|||||
Db 1 CCCAGGAGACTGTCT 15

Search completed: July 12, 2004, 11:12:32
Job time : 5 secs

GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: July 12, 2004, 11:19:25 ; Search time 1 Seconds
(without alignments)

Title: us-10-016-149-3

Perfect score: 290

Sequence: 1 tccagcgagcccccaggagag.....taaatctgtgtatgggtat 290

Scoring table: IDENTITY NUC

Gapop 10.0 , Gapext 0.5

Searched: 843 seqs, 14853 residues

Total number of hits satisfying chosen parameters: 1686

Minimum DB seq length: 8

Maximum DB seq length: 50

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 880 summaries

Database : rnpndb.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

| Result No. | Score | Query Match | Length | DB ID | Description |
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| 1 | 25 | 8.6 | 25 | 1 | US-60-545-213-106817 |
| 2 | 25 | 8.6 | 25 | 1 | US-60-545-213-106818 |
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| 4 | 25 | 8.6 | 25 | 1 | US-60-545-213-106825 |
| 5 | 25 | 8.6 | 25 | 1 | US-60-545-213-106826 |
| 6 | 25 | 8.6 | 25 | 1 | US-60-545-213-106827 |
| 7 | 25 | 8.6 | 25 | 1 | US-60-545-213-106829 |
| 8 | 25 | 8.6 | 25 | 1 | US-60-545-213-106830 |
| 9 | 25 | 8.6 | 25 | 1 | US-60-545-213-106832 |
| 10 | 25 | 8.6 | 25 | 1 | US-60-545-213-106838 |
| 11 | 25 | 8.6 | 25 | 1 | US-60-545-213-106841 |
| 12 | 25 | 8.6 | 25 | 1 | US-60-545-213-106842 |
| 13 | 25 | 8.6 | 25 | 1 | US-60-545-213-106843 |
| 14 | 25 | 8.6 | 25 | 1 | US-60-545-213-106844 |
| 15 | 25 | 8.6 | 25 | 1 | US-60-545-213-106846 |
| 16 | 25 | 8.6 | 25 | 1 | US-60-545-213-106847 |
| 17 | 25 | 8.6 | 25 | 1 | US-60-545-213-106851 |
| 18 | 25 | 8.6 | 25 | 1 | US-60-545-213-106853 |
| 19 | 25 | 8.6 | 25 | 1 | US-60-545-213-106856 |
| 20 | 25 | 8.6 | 25 | 1 | US-60-545-213-106857 |
| 21 | 25 | 8.6 | 25 | 1 | US-60-545-213-106858 |
| 22 | 25 | 8.6 | 25 | 1 | US-60-545-213-117730 |
| 23 | 25 | 8.6 | 25 | 1 | US-60-545-213-134758 |
| 24 | 25 | 8.6 | 25 | 1 | US-60-545-213-137488 |
| 25 | 25 | 8.6 | 25 | 1 | US-60-545-213-143716 |
| 26 | 25 | 8.6 | 25 | 1 | US-60-545-213-143809 |
| 27 | 25 | 8.6 | 25 | 1 | US-60-545-213-146137 |
| 28 | 25 | 8.6 | 25 | 1 | US-60-545-213-147505 |
| 29 | 25 | 8.6 | 25 | 1 | US-60-545-213-150926 |
| 30 | 25 | 8.6 | 25 | 1 | US-60-545-213-163247 |
| 31 | 25 | 8.6 | 25 | 1 | US-60-545-213-165975 |
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| 25 | 1 | US-60-545-213-177409 | Sequence 177409, |
| 25 | 1 | US-60-545-213-177926 | Sequence 177926, |
| 25 | 1 | US-60-545-213-178549 | Sequence 178549, |
| 25 | 1 | US-60-545-213-179972 | Sequence 179972, |
| 25 | 1 | US-60-545-213-182222 | Sequence 182222, |
| 25 | 1 | US-60-545-213-182955 | Sequence 182955, |
| 25 | 1 | US-60-545-213-190262 | Sequence 190262, |
| 25 | 1 | US-60-545-213-195711 | Sequence 195711, |
| 25 | 1 | US-60-545-213-203924 | Sequence 203924, |
| 25 | 1 | US-60-545-213-215878 | Sequence 215878, |
| 25 | 1 | US-60-545-213-220348 | Sequence 220348, |
| 25 | 1 | US-60-545-213-220578 | Sequence 220578, |
| 25 | 1 | US-60-545-213-226146 | Sequence 226146, |
| 25 | 1 | US-60-545-213-232327 | Sequence 232327, |
| 25 | 1 | US-60-545-213-241241 | Sequence 241241, |
| 25 | 1 | US-60-545-213-243479 | Sequence 243479, |
| 25 | 1 | US-60-545-213-251282 | Sequence 251282, |
| 25 | 1 | US-60-545-213-255055 | Sequence 255055, |
| 25 | 1 | US-60-545-213-256808 | Sequence 256808, |
| 25 | 1 | US-60-545-213-260648 | Sequence 260648, |
| 25 | 1 | US-60-545-213-270248 | Sequence 270248, |
| 25 | 1 | US-60-545-213-275800 | Sequence 275800, |
| 25 | 1 | US-60-545-213-288459 | Sequence 288459, |
| 25 | 1 | US-60-545-213-294463 | Sequence 294463, |
| 25 | 1 | US-60-545-213-298013 | Sequence 298013, |
| 25 | 1 | US-60-545-213-299005 | Sequence 299005, |
| 25 | 1 | US-60-545-213-300049 | Sequence 300049, |
| 25 | 1 | US-60-545-213-106824 | Sequence 106824, |
| 25 | 1 | US-60-545-213-179325 | Sequence 179325, |
| 25 | 1 | US-60-545-213-106839 | Sequence 106839, |
| 25 | 1 | US-60-545-213-188047 | Sequence 188047, |
| 25 | 1 | US-60-545-213-211626 | Sequence 211626, |
| 25 | 1 | US-60-545-213-151747 | Sequence 151747, |
| 25 | 1 | US-60-545-213-148060 | Sequence 148060, |
| 25 | 1 | PCT-II04-00235-30 | Sequence 30, Appl |
| 25 | 1 | US-60-545-213-164440 | Sequence 164440, |
| 25 | 1 | US-60-545-213-68276 | Sequence 68276, A |
| 25 | 1 | US-60-545-213-194275 | Sequence 194275, |
| 25 | 1 | US-60-545-213-257775 | Sequence 257775, |
| 25 | 1 | US-60-545-213-68269 | Sequence 68269, A |
| 25 | 1 | US-60-545-213-68270 | Sequence 68270, A |
| 25 | 1 | US-60-545-213-116512 | Sequence 116512, |
| 25 | 1 | US-60-545-213-155231 | Sequence 155231, |
| 25 | 1 | US-60-545-213-177050 | Sequence 177050, |
| 25 | 1 | US-60-545-213-178911 | Sequence 178911, |
| 25 | 1 | US-60-545-213-280784 | Sequence 280784, |
| 25 | 1 | US-60-545-213-280785 | Sequence 280785, |
| 25 | 1 | US-10-843-527-43670 | Sequence 43670, A |
| 25 | 1 | US-10-859-198-216475 | Sequence 216475, |
| 25 | 1 | US-60-545-213-64163 | Sequence 64163, A |
| 25 | 1 | US-60-545-213-64169 | Sequence 64169, A |
| 25 | 1 | US-60-545-213-92649 | Sequence 92649, A |
| 25 | 1 | US-60-545-213-168997 | Sequence 168997, |
| 25 | 1 | US-60-545-213-168998 | Sequence 168998, |
| 25 | 1 | US-60-545-213-196459 | Sequence 196459, |
| 25 | 1 | PCT-US03-41761-16380 | Sequence 127201, |
| 25 | 1 | PCT-US03-41761-16380 | Sequence 16380, A |
| 25 | 1 | US-10-859-198-139974 | Sequence 139974, |
| 25 | 1 | US-10-859-198-252805 | Sequence 252805, |
| 25 | 1 | US-60-545-213-182226 | Sequence 182226, |
| 25 | 1 | US-60-545-213-420681 | Sequence 220681, |
| 25 | 1 | PCT-US04-00035-20469 | Sequence 20469, A |
| 25 | 1 | PCT-US04-00035-21759 | Sequence 21759, A |
| 25 | 1 | US-10-770-726-20463 | Sequence 20463, A |
| 25 | 1 | US-10-708-951-24150 | Sequence 24150, A |
| 25 | 1 | US-10-708-951-27624 | Sequence 27624, A |
| 25 | 1 | US-10-708-951-33801 | Sequence 33801, A |
| 25 | 1 | US-10-708-951-51271 | Sequence 51271, A |
| 25 | 1 | PCT-US04-00035-21318 | Sequence 21318, A |

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| 107 | 15.6 | 5.4 | 22 | 1 | US-10-708-951-1714 | Sequence 1714, App | 180 | 14.2 | 4.9 | 20 | 1 | US-10-770-970-540 | Sequence 540, App |
| 108 | 15.6 | 5.4 | 22 | 1 | US-10-708-951-4072 | Sequence 4072, App | 181 | 14.2 | 4.9 | 20 | 1 | US-10-858-500-197 | Sequence 197, App |
| 109 | 15.6 | 5.4 | 22 | 1 | US-10-708-951-8413 | Sequence 8413, App | 182 | 14.2 | 4.9 | 20 | 1 | US-10-858-500-374 | Sequence 374, App |
| 110 | 15.6 | 5.4 | 22 | 1 | US-10-708-951-11566 | Sequence 11566, App | 183 | 14.2 | 4.9 | 21 | 1 | PCT-US04-00035-2537 | Sequence 2537, App |
| 111 | 15.6 | 5.4 | 22 | 1 | US-10-708-951-14391 | Sequence 14391, A | 184 | 14.2 | 4.9 | 21 | 1 | PCT-US04-00035-13672 | Sequence 13672, A |
| 112 | 15.6 | 5.4 | 22 | 1 | US-10-708-951-16150 | Sequence 16150, A | 185 | 14.2 | 4.9 | 21 | 1 | PCT-US04-00035-14231 | Sequence 14231, A |
| 113 | 15.6 | 5.4 | 22 | 1 | US-10-708-951-16150 | Sequence 16150, A | 186 | 14.2 | 4.9 | 21 | 1 | PCT-US04-00035-38787 | Sequence 38787, A |
| 114 | 15.4 | 5.3 | 21 | 1 | PCT-US04-05655-234 | Sequence 234, App | 187 | 14.2 | 4.9 | 21 | 1 | PCT-US04-00035-45442 | Sequence 45442, A |
| 115 | 15.4 | 5.3 | 21 | 1 | US-10-786-720-234 | Sequence 234, App | 188 | 14.2 | 4.9 | 21 | 1 | PCT-US04-00035-45764 | Sequence 45764, A |
| 116 | 15.4 | 5.3 | 22 | 1 | US-10-708-204-189 | Sequence 189, App | 189 | 14.2 | 4.9 | 21 | 1 | PCT-US04-00035-47286 | Sequence 47286, A |
| 117 | 15.2 | 5.2 | 21 | 1 | PCT-US04-00035-14101 | Sequence 14101, A | 190 | 14.2 | 4.9 | 21 | 1 | PCT-US04-00035-53560 | Sequence 53560, A |
| 118 | 15.2 | 5.2 | 21 | 1 | PCT-US04-00035-45443 | Sequence 45443, A | 191 | 14.2 | 4.9 | 21 | 1 | US-10-770-726-3678 | Sequence 3678, App |
| 119 | 15.2 | 5.2 | 21 | 1 | US-10-770-726-3677 | Sequence 3677, App | 192 | 14.2 | 4.9 | 21 | 1 | US-10-770-726-11554 | Sequence 11554, A |
| 120 | 15.2 | 5.2 | 21 | 1 | US-10-770-726-19112 | Sequence 19112, A | 193 | 14.2 | 4.9 | 21 | 1 | US-10-770-726-14110 | Sequence 14110, A |
| 121 | 15.2 | 5.2 | 21 | 1 | US-10-847-918-3964 | Sequence 3964, App | 194 | 14.2 | 4.9 | 21 | 1 | US-10-770-726-19113 | Sequence 19113, A |
| 122 | 15.2 | 5.2 | 21 | 1 | US-10-847-918-3966 | Sequence 3966, App | 195 | 14.2 | 4.9 | 21 | 1 | US-10-770-726-43062 | Sequence 43062, A |
| 123 | 15.2 | 5.2 | 21 | 1 | US-10-847-918-4973 | Sequence 4973, App | 196 | 14.2 | 4.9 | 21 | 1 | US-10-770-726-43062 | Sequence 43062, A |
| 124 | 15.2 | 5.2 | 21 | 1 | US-60-546-434-64 | Sequence 64, App | 197 | 14.2 | 4.9 | 21 | 1 | US-10-770-726-44304 | Sequence 44304, A |
| 125 | 15.2 | 5.2 | 22 | 1 | PCT-US03-41761-14540 | Sequence 14540, A | 198 | 14.2 | 4.9 | 21 | 1 | US-10-812-232-236 | Sequence 236, App |
| 126 | 15.2 | 5.2 | 22 | 1 | PCT-US03-41761-18048 | Sequence 18048, A | 199 | 14.2 | 4.9 | 21 | 1 | US-10-831-997-1791 | Sequence 1791, App |
| 127 | 15.2 | 5.2 | 22 | 1 | PCT-US03-41766A-14540 | Sequence 14540, A | 200 | 14.2 | 4.9 | 21 | 1 | US-10-847-918-3965 | Sequence 3965, App |
| 128 | 15.2 | 5.2 | 22 | 1 | PCT-US03-41766A-18048 | Sequence 18048, A | 201 | 14 | 4.8 | 21 | 1 | US-10-847-918-3965 | Sequence 3965, App |
| 129 | 15.2 | 5.2 | 22 | 1 | US-10-021-698A-4788 | Sequence 4788, App | 202 | 14 | 4.8 | 21 | 1 | US-10-770-726-20462 | Sequence 20462, A |
| 130 | 15.2 | 5.2 | 21 | 1 | US-10-708-204-4175 | Sequence 4175, App | 203 | 14 | 4.8 | 21 | 1 | US-10-770-726-20465 | Sequence 20465, A |
| 131 | 15 | 5.2 | 21 | 1 | US-10-770-726-21290 | Sequence 21290, A | 204 | 14 | 4.8 | 21 | 1 | US-10-770-726-21488 | Sequence 21488, A |
| 132 | 15 | 5.2 | 21 | 1 | US-10-770-726-21291 | Sequence 21291, A | 205 | 14 | 4.8 | 21 | 1 | US-10-786-720-330 | Sequence 330, App |
| 133 | 14.8 | 5.1 | 19 | 1 | PCT-US03-05045A-188 | Sequence 188, App | 206 | 14 | 4.8 | 21 | 1 | US-10-831-997-167 | Sequence 167, App |
| 134 | 14.8 | 5.1 | 19 | 1 | PCT-US03-05045A-437 | Sequence 437, App | 207 | 13.8 | 4.8 | 18 | 1 | US-10-767-471-50149 | Sequence 50149, A |
| 135 | 14.8 | 5.1 | 19 | 1 | PCT-US03-05045A-631 | Sequence 631, App | 208 | 13.8 | 4.8 | 18 | 1 | US-10-796-280-88413 | Sequence 88413, A |
| 136 | 14.8 | 5.1 | 19 | 1 | PCT-US03-05045A-938 | Sequence 938, App | 209 | 13.8 | 4.8 | 19 | 1 | PCT-US03-41761-11468 | Sequence 11468, A |
| 137 | 14.8 | 5.1 | 19 | 1 | PCT-US04-17490-125 | Sequence 125, App | 210 | 13.8 | 4.8 | 19 | 1 | PCT-US03-41761-11468 | Sequence 11468, A |
| 138 | 14.8 | 5.1 | 19 | 1 | PCT-US04-17490-126 | Sequence 126, App | 211 | 13.8 | 4.8 | 19 | 1 | PCT-US03-41766A-11468 | Sequence 11468, A |
| 139 | 14.8 | 5.1 | 20 | 1 | PCT-US04-17490-27 | Sequence 27, App | 212 | 13.8 | 4.8 | 20 | 1 | PCT-US04-15576-59 | Sequence 59, App |
| 140 | 14.8 | 5.1 | 20 | 1 | PCT-US04-17490-27 | Sequence 27, App | 213 | 13.8 | 4.8 | 20 | 1 | PCT-US04-15576-324 | Sequence 324, App |
| 141 | 14.8 | 5.1 | 21 | 1 | US-10-770-726-13681 | Sequence 13681, A | 214 | 13.8 | 4.8 | 20 | 1 | US-10-858-500-59 | Sequence 59, Appl |
| 142 | 14.8 | 5.1 | 21 | 1 | US-10-770-726-13684 | Sequence 13684, A | 215 | 13.8 | 4.8 | 20 | 1 | US-10-858-500-324 | Sequence 324, App |
| 143 | 14.6 | 5.0 | 21 | 1 | PCT-US04-00035-26860 | Sequence 26860, A | 216 | 13.8 | 4.8 | 21 | 1 | PCT-US04-00035-13673 | Sequence 13673, A |
| 144 | 14.6 | 5.0 | 21 | 1 | PCT-US04-00035-35912 | Sequence 35912, A | 217 | 13.8 | 4.8 | 21 | 1 | PCT-US04-00035-14102 | Sequence 14102, A |
| 145 | 14.6 | 5.0 | 21 | 1 | PCT-US04-00035-40983 | Sequence 40983, A | 218 | 13.8 | 4.8 | 21 | 1 | PCT-US04-00035-24780 | Sequence 24780, A |
| 146 | 14.6 | 5.0 | 21 | 1 | PCT-US04-00035-41325 | Sequence 41325, A | 219 | 13.8 | 4.8 | 21 | 1 | PCT-US04-00035-43617 | Sequence 43617, A |
| 147 | 14.6 | 5.0 | 21 | 1 | PCT-US04-05655-13733 | Sequence 13733, A | 220 | 13.8 | 4.8 | 21 | 1 | PCT-US04-00035-46483 | Sequence 46483, A |
| 148 | 14.6 | 5.0 | 21 | 1 | PCT-US04-05655-13733 | Sequence 13733, A | 221 | 13.8 | 4.8 | 21 | 1 | PCT-US04-00035-46484 | Sequence 46484, A |
| 149 | 14.6 | 5.0 | 21 | 1 | US-10-770-726-11497 | Sequence 11497, A | 222 | 13.8 | 4.8 | 21 | 1 | PCT-US04-00035-49546 | Sequence 49546, A |
| 150 | 14.6 | 5.0 | 21 | 1 | US-10-770-726-12036 | Sequence 12036, A | 223 | 13.8 | 4.8 | 21 | 1 | PCT-US04-05655-370 | Sequence 370, App |
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| 152 | 14.6 | 5.0 | 21 | 1 | US-10-770-726-27332 | Sequence 27332, A | 225 | 13.8 | 4.8 | 21 | 1 | PCT-US04-05655-12893 | Sequence 12893, A |
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| 155 | 14.6 | 5.0 | 21 | 1 | US-10-847-918-4974 | Sequence 4974, App | 228 | 13.8 | 4.8 | 21 | 1 | US-10-770-726-27329 | Sequence 27329, A |
| 156 | 14.6 | 5.0 | 22 | 1 | PCT-US03-41761-16520 | Sequence 16520, A | 229 | 13.8 | 4.8 | 21 | 1 | US-10-770-726-41529 | Sequence 41529, A |
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| 158 | 14.6 | 5.0 | 22 | 1 | US-10-708-951-5652 | Sequence 5652, App | 231 | 13.8 | 4.8 | 21 | 1 | US-10-786-720-370 | Sequence 370, App |
| 159 | 14.6 | 5.0 | 22 | 1 | US-10-708-951-14678 | Sequence 14678, A | 232 | 13.8 | 4.8 | 21 | 1 | US-10-786-720-371 | Sequence 371, App |
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| 163 | 14.4 | 5.0 | 21 | 1 | PCT-US04-00035-22796 | Sequence 22796, A | 236 | 13.8 | 4.8 | 21 | 1 | US-10-786-720-13064 | Sequence 13064, A |
| 164 | 14.4 | 5.0 | 21 | 1 | PCT-US04-05655-232 | Sequence 232, App | 237 | 13.8 | 4.8 | 21 | 1 | US-10-831-997-2166 | Sequence 2166, App |
| 165 | 14.4 | 5.0 | 21 | 1 | PCT-US04-05655-325 | Sequence 325, App | 238 | 13.6 | 4.7 | 20 | 1 | PCT-US04-05758-86 | Sequence 86, Appl |
| 166 | 14.4 | 5.0 | 21 | 1 | PCT-US04-05655-325 | Sequence 325, App | 239 | 13.6 | 4.7 | 20 | 1 | PCT-US04-1379-67 | Sequence 67, Appl |
| 167 | 14.4 | 5.0 | 21 | 1 | PCT-US04-05655-327 | Sequence 327, App | 240 | 13.6 | 4.7 | 20 | 1 | US-10-776-311-86 | Sequence 19, Appl |
| 168 | 14.4 | 5.0 | 21 | 1 | US-10-786-720-232 | Sequence 232, App | 241 | 13.6 | 4.7 | 20 | 1 | US-10-776-311-86 | Sequence 19, Appl |
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| 171 | 14.4 | 5.0 | 21 | 1 | US-10-786-720-326 | Sequence 326, App | 244 | 13.4 | 4.6 | 18 | 1 | US-10-708-951-23225 | Sequence 23225, A |
| 172 | 14.4 | 5.0 | 21 | 1 | US-10-786-720-327 | Sequence 327, App | 245 | 13.4 | 4.6 | 18 | 1 | US-10-708-951-52405 | Sequence 52405, A |
| 173 | 14.2 | 4.9 | 19 | 1 | PCT-US03-41761-17016 | Sequence 17016, A | 246 | 13.4 | 4.6 | 18 | 1 | US-10-708-951-52405 | Sequence 52405, A |
| 174 | 14.2 | 4.9 | 19 | 1 | PCT-US03-41766A-17016 | Sequence 17016, A | 247 | 13.4 | 4.6 | 19 | 1 | PCT-US03-41761-16565 | Sequence 16565, A |
| 175 | 14.2 | 4.9 | 19 | 1 | US-10-708-204-4951 | Sequence 4951, App | 248 | 13.4 | 4.6 | 19 | 1 | PCT-US03-41766A-16565 | Sequence 16565, A |
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| 177 | 14.2 | 4.9 | 19 | 1 | PCT-US04-15576-197 | Sequence 197, App | 250 | 13.4 | 4.6 | 19 | 1 | US-10-708-951-49215 | Sequence 49215, A |
| 178 | 14.2 | 4.9 | 20 | 1 | PCT-US04-15576-374 | Sequence 374, App | 251 | 13.4 | 4.6 | 20 | 1 | US-10-708-951-23752 | Sequence 23752, A |
| 179 | 14.2 | 4.9 | 20 | 1 | US-10-770-970-346 | Sequence 346, App | 252 | 13.4 | 4.6 | 20 | 1 | US-10-708-951-26327 | Sequence 26327, A |

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| 259 | 13.2 | 4.6 | 18 | 1 | US-10-708-951-39671 | Sequence 39671, A | 332 | 12.4 | 4.3 | 18 | 1 | PCT-US03-41761-13852 | Sequence 13852, A |
| 260 | 13.2 | 4.6 | 18 | 1 | US-10-708-951-44361 | Sequence 44361, A | 333 | 12.4 | 4.3 | 18 | 1 | PCT-US03-41761-13852 | Sequence 13852, A |
| 261 | 13.2 | 4.6 | 19 | 1 | PCT-US03-04448A-24 | Sequence 24, Appl | 334 | 12.4 | 4.3 | 18 | 1 | PCT-US03-41766A-13852 | Sequence 13852, A |
| 262 | 13.2 | 4.6 | 19 | 1 | PCT-US03-04448A-136 | Sequence 136, Appl | 335 | 12.4 | 4.3 | 18 | 1 | PCT-US03-37831-93 | Sequence 93, Appl |
| 263 | 13.2 | 4.6 | 19 | 1 | US-10-021-698A-5738 | Sequence 5738, A | 336 | 12.4 | 4.3 | 18 | 1 | US-10-708-951-19514 | Sequence 19514, A |
| 264 | 13.2 | 4.6 | 19 | 1 | US-10-021-698A-5742 | Sequence 5742, A | 337 | 12.4 | 4.3 | 18 | 1 | US-10-708-951-23337 | Sequence 23337, A |
| 265 | 13.2 | 4.6 | 19 | 1 | US-10-444-925A-261 | Sequence 261, A | 338 | 12.4 | 4.3 | 18 | 1 | US-10-708-951-40182 | Sequence 40182, A |
| 266 | 13.2 | 4.6 | 19 | 1 | US-10-444-925A-312 | Sequence 312, A | 339 | 12.4 | 4.3 | 18 | 1 | US-10-708-951-42975 | Sequence 42975, A |
| 267 | 13.2 | 4.6 | 19 | 1 | US-10-444-925A-561 | Sequence 561, A | 340 | 12.4 | 4.3 | 19 | 1 | US-10-661-165-183 | Sequence 183, Appl |
| 268 | 13.2 | 4.6 | 19 | 1 | US-10-708-951-30359 | Sequence 30359, A | 341 | 12.4 | 4.3 | 19 | 1 | US-10-667-271-647 | Sequence 647, A |
| 269 | 13.2 | 4.6 | 19 | 1 | US-10-708-951-39635 | Sequence 39635, A | 342 | 12.4 | 4.3 | 19 | 1 | US-10-667-271-652 | Sequence 652, A |
| 270 | 13.2 | 4.6 | 19 | 1 | PCT-US03-14248-34 | Sequence 34, Appl | 343 | 12.4 | 4.3 | 19 | 1 | US-10-667-271-1343 | Sequence 1343, A |
| 271 | 13.2 | 4.6 | 20 | 1 | US-10-770-970-30 | Sequence 30, Appl | 344 | 12.4 | 4.3 | 19 | 1 | US-10-667-271-1348 | Sequence 1348, A |
| 272 | 13.2 | 4.6 | 20 | 1 | US-10-770-970-30 | Sequence 30, Appl | 345 | 12.4 | 4.3 | 19 | 1 | US-60-568-846-3939 | Sequence 3939, A |
| 273 | 13.2 | 4.6 | 20 | 1 | US-10-486-312-249 | Sequence 249, A | 346 | 12.2 | 4.2 | 17 | 1 | US-09-490-324-7 | Sequence 7, Appl |
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| 297 | 12.8 | 4.4 | 18 | 1 | US-10-491-654-16 | Sequence 16, A | 370 | 12.2 | 4.2 | 18 | 1 | PCT-US04-18279-13 | Sequence 13, A |
| 298 | 12.8 | 4.4 | 19 | 1 | US-10-476-021-6 | Sequence 6, A | 371 | 12.2 | 4.2 | 18 | 1 | US-10-863-729-13 | Sequence 13, A |
| 299 | 12.8 | 4.4 | 19 | 1 | US-10-433-542A-26 | Sequence 26, A | 372 | 12.2 | 4.2 | 18 | 1 | US-10-796-307-44027 | Sequence 256, A |
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| 302 | 12.6 | 4.3 | 19 | 1 | PCT-US03-03662A-252 | Sequence 252, A | 375 | 12.2 | 4.2 | 18 | 1 | US-10-834-967-2469 | Sequence 2469, A |
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| 304 | 12.6 | 4.3 | 19 | 1 | PCT-US03-05234-339 | Sequence 339, A | 377 | 12.2 | 4.2 | 18 | 1 | US-60-545-213-134758 | Sequence 134758, A |
| 305 | 12.6 | 4.3 | 19 | 1 | US-09-597-771-7 | Sequence 7, A | 378 | 12.2 | 4.2 | 25 | 1 | US-10-257-017B-334290 | Sequence 334290, A |
| 306 | 12.6 | 4.3 | 19 | 1 | US-10-767-471-50190 | Sequence 50190, A | 379 | 12 | 4.1 | 12 | 1 | US-10-257-017B-23553 | Sequence 23553, A |
| 307 | 12.6 | 4.3 | 19 | 1 | US-10-773-773-90 | Sequence 90, A | 380 | 12 | 4.1 | 13 | 1 | US-10-257-017B-23553 | Sequence 23553, A |
| 308 | 12.6 | 4.3 | 19 | 1 | US-10-772-856-10 | Sequence 10, A | 381 | 12 | 4.1 | 13 | 1 | US-10-257-017B-41609 | Sequence 41609, A |
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| 310 | 12.6 | 4.3 | 19 | 1 | US-10-708-951-28680 | Sequence 28680, A | 383 | 12 | 4.1 | 13 | 1 | US-10-257-017B-119493 | Sequence 119493, A |
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| 314 | 12.6 | 4.3 | 19 | 1 | US-10-683-990-189 | Sequence 189, A | 387 | 12 | 4.1 | 13 | 1 | US-10-257-017B-211891 | Sequence 211891, A |
| 315 | 12.6 | 4.3 | 19 | 1 | US-10-848-922-85 | Sequence 85, A | 388 | 12 | 4.1 | 13 | 1 | US-10-257-017B-211892 | Sequence 211892, A |
| 316 | 12.6 | 4.3 | 19 | 1 | US-10-848-922-86 | Sequence 86, A | 389 | 12 | 4.1 | 13 | 1 | US-10-708-951-22341 | Sequence 22341, A |
| 317 | 12.6 | 4.3 | 19 | 1 | US-10-848-922-87 | Sequence 87, A | 390 | 12 | 4.1 | 13 | 1 | US-10-803-653-205 | Sequence 653, A |
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| 321 | 12.4 | 4.3 | 14 | 1 | US-10-708-951-32707 | Sequence 32707, A | 394 | 12 | 4.1 | 17 | 1 | PCT-US03-31862-524 | Sequence 524, A |
| 322 | 12.4 | 4.3 | 14 | 1 | US-10-708-951-49356 | Sequence 49356, A | 395 | 12 | 4.1 | 17 | 1 | US-10-708-951-25774 | Sequence 25774, A |
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| 325 | 12.4 | 4.3 | 15 | 1 | US-10-708-951-28746 | Sequence 28746, A | 398 | 12 | 4.1 | 17 | 1 | | |

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| C 546 | 11.4 | 3.9 | 17 | 1 | PCT-US03-25614-565 | Sequence 565, App | C 619 | 11.2 | 3.9 | 17 | 1 | US-10-138-674B-7569 | Sequence 7569, Ap |
| C 547 | 11.4 | 3.9 | 17 | 1 | PCT-US03-37966-1039 | Sequence 1039, App | C 620 | 11.2 | 3.9 | 17 | 1 | US-10-138-674B-7646 | Sequence 7646, Ap |
| 548 | 11.4 | 3.9 | 17 | 1 | US-10-708-951-34635 | Sequence 34635, A | C 621 | 11.2 | 3.9 | 17 | 1 | US-10-138-674B-8538 | Sequence 8538, Ap |
| 549 | 11.4 | 3.9 | 17 | 1 | US-10-708-951-41019 | Sequence 41019, A | C 622 | 11.2 | 3.9 | 17 | 1 | US-10-138-674B-9074 | Sequence 9074, Ap |
| 550 | 11.4 | 3.9 | 17 | 1 | US-10-492-570-224 | Sequence 224, App | C 623 | 11.2 | 3.9 | 25 | 1 | US-60-545-213-106829 | Sequence 106829, A |
| 551 | 11.4 | 3.9 | 17 | 1 | US-10-492-570-225 | Sequence 225, App | C 624 | 11.2 | 3.8 | 11 | 1 | US-10-708-951-22340 | Sequence 22340, A |
| 552 | 11.4 | 3.9 | 17 | 1 | US-10-492-570-226 | Sequence 226, App | C 625 | 11 | 3.8 | 11 | 1 | US-10-708-951-42199 | Sequence 42199, A |
| 553 | 11.4 | 3.9 | 17 | 1 | US-10-492-570-227 | Sequence 227, App | C 626 | 11 | 3.8 | 12 | 1 | US-10-257-017B-267185 | Sequence 267185, A |
| 554 | 11.4 | 3.9 | 17 | 1 | US-10-492-570-228 | Sequence 228, App | C 627 | 11 | 3.8 | 12 | 1 | US-10-257-017B-271831 | Sequence 271831, A |
| 555 | 11.4 | 3.9 | 17 | 1 | US-10-257-4803-47 | Sequence 47, Appl | C 628 | 11 | 3.8 | 12 | 1 | US-10-257-017B-274601 | Sequence 274601, A |
| C 556 | 11.4 | 3.9 | 17 | 1 | US-10-834-967-4741 | Sequence 4741, Ap | C 629 | 11 | 3.8 | 12 | 1 | US-10-257-017B-286159 | Sequence 286159, A |
| C 557 | 11.4 | 3.9 | 17 | 1 | US-10-364-412A-8048 | Sequence 8048, Ap | C 630 | 11 | 3.8 | 12 | 1 | US-10-257-017B-291593 | Sequence 291593, A |
| C 558 | 11.4 | 3.9 | 17 | 1 | US-10-364-412A-8144 | Sequence 8144, Ap | C 631 | 11 | 3.8 | 12 | 1 | US-10-257-017B-294134 | Sequence 294134, A |
| 559 | 11.4 | 3.9 | 17 | 1 | US-10-138-674B-613 | Sequence 613, App | C 632 | 11 | 3.8 | 12 | 1 | US-10-257-017B-298120 | Sequence 298120, A |
| 560 | 11.4 | 3.9 | 17 | 1 | US-10-138-674B-2316 | Sequence 2316, Ap | C 633 | 11 | 3.8 | 12 | 1 | US-10-257-017B-301430 | Sequence 301430, A |
| 561 | 11.4 | 3.9 | 17 | 1 | US-10-138-674B-2317 | Sequence 2317, Ap | C 634 | 11 | 3.8 | 12 | 1 | US-10-257-017B-306690 | Sequence 306690, A |
| 562 | 11.4 | 3.9 | 17 | 1 | US-10-138-674B-3507 | Sequence 3507, Ap | C 635 | 11 | 3.8 | 12 | 1 | US-10-257-017B-313281 | Sequence 313281, A |
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| C 572 | 11.4 | 3.9 | 25 | 1 | US-60-545-213-194463 | Sequence 194463, A | C 645 | 11 | 3.8 | 12 | 1 | US-10-257-017B-371103 | Sequence 371103, A |
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; TITLE OF INVENTION: Nucleic Acid Arrays for Monitoring Expression Profiles of Drug
; FILE REFERENCE: AM101083 (031896-042099)
; CURRENT APPLICATION NUMBER: US/60/545,213
; CURRENT FILING DATE: 2004-02-18
; NUMBER OF SEQ ID NOS: 303284
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 106826
; LENGTH: 25
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; ORGANISM: probe
US-60-545-213-106826

Query Match      8.6%; Score 25; DB 1; Length 25;
Best Local Similarity 100.0%; Pred. No. 0.96;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 965 TGACTCTCTAAATCTGGTATGGG 989
Db 1 TGACTCTCTAAATCTGGTATGGG 25

RESULT 6
US-60-545-213-106827
; Sequence 106827, Application US/60545213
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; TITLE OF INVENTION: Nucleic Acid Arrays for Monitoring Expression Profiles of Drug
; FILE REFERENCE: AM101083 (031896-042099)
; CURRENT APPLICATION NUMBER: US/60/545,213
; CURRENT FILING DATE: 2004-02-18
; NUMBER OF SEQ ID NOS: 303284
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 106827
; LENGTH: 25
; TYPE: DNA
; ORGANISM: probe
US-60-545-213-106827

Query Match      8.6%; Score 25; DB 1; Length 25;
Best Local Similarity 100.0%; Pred. No. 0.96;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 960 CAAATTCACCTCTAAATCTGGT 984
Db 1 CAAATTCACCTCTAAATCTGGT 25

RESULT 7
US-60-545-213-106829
; Sequence 106829, Application US/60545213
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; TITLE OF INVENTION: Nucleic Acid Arrays for Monitoring Expression Profiles of Drug
; FILE REFERENCE: AM101083 (031896-042099)
; CURRENT APPLICATION NUMBER: US/60/545,213
; CURRENT FILING DATE: 2004-02-18
; NUMBER OF SEQ ID NOS: 303284
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 106829
; LENGTH: 25
; TYPE: DNA
; ORGANISM: probe
US-60-545-213-106829

Query Match      8.6%; Score 25; DB 1; Length 25;
Best Local Similarity 100.0%; Pred. No. 0.96;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 956 GAGCCAAATTCACCTCTAAATCTG 980
Db 1 GAGCCAAATTCACCTCTAAATCTG 25

RESULT 8
US-60-545-213-106830
; Sequence 106830, Application US/60545213
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; TITLE OF INVENTION: Nucleic Acid Arrays for Monitoring Expression Profiles of Drug
; FILE REFERENCE: AM101083 (031896-042099)
; CURRENT APPLICATION NUMBER: US/60/545,213
; CURRENT FILING DATE: 2004-02-18
; NUMBER OF SEQ ID NOS: 303284
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 106830
; LENGTH: 25
; TYPE: DNA
; ORGANISM: probe
US-60-545-213-106830

Query Match      8.6%; Score 25; DB 1; Length 25;
Best Local Similarity 100.0%; Pred. No. 0.96;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 963 ATTGACTCTCTAAATCTGGTATG 987
Db 1 ATTGACTCTCTAAATCTGGTATG 25

RESULT 9
US-60-545-213-106832
; Sequence 106832, Application US/60545213
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; TITLE OF INVENTION: Nucleic Acid Arrays for Monitoring Expression Profiles of Drug
; FILE REFERENCE: AM101083 (031896-042099)
; CURRENT APPLICATION NUMBER: US/60/545,213
; CURRENT FILING DATE: 2004-02-18
; NUMBER OF SEQ ID NOS: 303284
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 106832
; LENGTH: 25
; TYPE: DNA
; ORGANISM: probe
US-60-545-213-106832
```



```
Query Match: 8.6%; Score 25; DB 1; Length 25;
Best Local Similarity 100.0%; Pred. No. 0.96;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 908 CGATCAGATTATCATCACCACCACC 932
Db 1 CGATCAGATTATCATCACCACCACC 25

RESULT 10
US-60-545-213-106838
; Sequence 106838, Application US/60545213
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Mounts, William Martin
; TITLE OF INVENTION: Nucleic Acid Arrays for Monitoring Expression Profiles of Drug
; FILE OF INVENTION: Target Genes
; FILE REFERENCE: AM101083 (031896-042099)
; CURRENT APPLICATION NUMBER: US/60/545,213
; CURRENT FILING DATE: 2004-02-18
; NUMBER OF SEQ ID NOS: 303284
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 106838
; LENGTH: 25
; TYPE: DNA
; ORGANISM: probe
US-60-545-213-106838

Query Match: 8.6%; Score 25; DB 1; Length 25;
Best Local Similarity 100.0%; Pred. No. 0.96;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 959 CCAATTGACTCTCTAAATCTGGTG 983
Db 1 CCAATTGACTCTCTAAATCTGGTG 25

RESULT 13
US-60-545-213-106843
; Sequence 106843, Application US/60545213
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Mounts, William Martin
; TITLE OF INVENTION: Nucleic Acid Arrays for Monitoring Expression Profiles of Drug
; FILE OF INVENTION: Target Genes
; FILE REFERENCE: AM101083 (031896-042099)
; CURRENT APPLICATION NUMBER: US/60/545,213
; CURRENT FILING DATE: 2004-02-18
; NUMBER OF SEQ ID NOS: 303284
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 106843
; LENGTH: 25
; TYPE: DNA
; ORGANISM: probe
US-60-545-213-106843

Query Match: 8.6%; Score 25; DB 1; Length 25;
Best Local Similarity 100.0%; Pred. No. 0.96;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 907 GCGATCAGATTATCATCACCACCACC 931
Db 1 GCGATCAGATTATCATCACCACCACC 25

RESULT 14
US-60-545-213-106844
; Sequence 106844, Application US/60545213
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Mounts, William Martin
; TITLE OF INVENTION: Nucleic Acid Arrays for Monitoring Expression Profiles of Drug
; FILE OF INVENTION: Target Genes
; FILE REFERENCE: AM101083 (031896-042099)
; CURRENT APPLICATION NUMBER: US/60/545,213
; CURRENT FILING DATE: 2004-02-18
; NUMBER OF SEQ ID NOS: 303284
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 106844
; LENGTH: 25
; TYPE: DNA
; ORGANISM: probe
US-60-545-213-106844

Query Match: 8.6%; Score 25; DB 1; Length 25;
Best Local Similarity 100.0%; Pred. No. 0.96;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 724 GACTCTGGTCAATAGACTGGTAGG 748
Db 1 GACTCTGGTCAATAGACTGGTAGG 748
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Db      1  GACTCTGCTCATAGACTTGGTAGG 25
RESULT 15
US-60-545-213-106846
; Sequence 106846, Application US/60545213
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Mounts, William Martin
; TITLE OF INVENTION: Nucleic Acid Arrays for Monitoring Expression Profiles of Drug
; FILE REFERENCE: AM101083 (031896-042099)
; CURRENT APPLICATION NUMBER: US/60/545,213
; CURRENT FILING DATE: 2004-02-18
; NUMBER OF SEQ ID NOS: 303284
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 106846
; LENGTH: 25
; TYPE: DNA
; ORGANISM: probe
US-60-545-213-106846
Query Match      8.6%; Score 25; DB 1; Length 25;
Best Local Similarity 100.0%; Pred. No. 0.96;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      944  TTATCCGAGAGAGAGCCAAATTGAC 968
Db      1  TTATCCGAGAGAGAGCCAAATTGAC 25
RESULT 16
US-60-545-213-106847
; Sequence 106847, Application US/60545213
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Mounts, William Martin
; TITLE OF INVENTION: Nucleic Acid Arrays for Monitoring Expression Profiles of Drug
; FILE REFERENCE: AM101083 (031896-042099)
; CURRENT APPLICATION NUMBER: US/60/545,213
; CURRENT FILING DATE: 2004-02-18
; NUMBER OF SEQ ID NOS: 303284
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 106847
; LENGTH: 25
; TYPE: DNA
; ORGANISM: probe
US-60-545-213-106847
Query Match      8.6%; Score 25; DB 1; Length 25;
Best Local Similarity 100.0%; Pred. No. 0.96;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      957  AGCCAAATGACTCTCTAAATCTGG 981
Db      1  AGCCAAATGACTCTCTAAATCTGG 25
RESULT 17
US-60-545-213-106851
; Sequence 106851, Application US/60545213
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Mounts, William Martin
; TITLE OF INVENTION: Nucleic Acid Arrays for Monitoring Expression Profiles of Drug
; FILE REFERENCE: AM101083 (031896-042099)
; CURRENT APPLICATION NUMBER: US/60/545,213
; CURRENT FILING DATE: 2004-02-18
; NUMBER OF SEQ ID NOS: 303284
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 106851
; LENGTH: 25
; TYPE: DNA
; ORGANISM: probe
US-60-545-213-106851
Query Match      8.6%; Score 25; DB 1; Length 25;
Best Local Similarity 100.0%; Pred. No. 0.96;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      958  GCCAAATGACTCTCTAAATCTGGT 982
Db      1  GCCAAATGACTCTCTAAATCTGGT 25
RESULT 18
US-60-545-213-106853
; Sequence 106853, Application US/60545213
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Mounts, William Martin
; TITLE OF INVENTION: Nucleic Acid Arrays for Monitoring Expression Profiles of Drug
; FILE REFERENCE: AM101083 (031896-042099)
; CURRENT APPLICATION NUMBER: US/60/545,213
; CURRENT FILING DATE: 2004-02-18
; NUMBER OF SEQ ID NOS: 303284
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 106853
; LENGTH: 25
; TYPE: DNA
; ORGANISM: probe
US-60-545-213-106853
Query Match      8.6%; Score 25; DB 1; Length 25;
Best Local Similarity 100.0%; Pred. No. 0.96;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      944  TTATCCGAGAGAGAGCCAAATTGAC 968
Db      1  TTATCCGAGAGAGAGCCAAATTGAC 25
RESULT 19
US-60-545-213-106856
; Sequence 106856, Application US/60545213
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Mounts, William Martin
; TITLE OF INVENTION: Nucleic Acid Arrays for Monitoring Expression Profiles of Drug
; FILE REFERENCE: AM101083 (031896-042099)
; CURRENT APPLICATION NUMBER: US/60/545,213
; CURRENT FILING DATE: 2004-02-18
; NUMBER OF SEQ ID NOS: 303284
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 106856
; LENGTH: 25
; TYPE: DNA
; ORGANISM: probe
US-60-545-213-106856
Query Match      8.6%; Score 25; DB 1; Length 25;
Best Local Similarity 100.0%; Pred. No. 0.96;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      905  CTGCGATCAGATTATCATCACCACC 929
Db      1  CTGCGATCAGATTATCATCACCACC 25
RESULT 20
US-60-545-213-106857
; Sequence 106857, Application US/60545213
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; GENERAL INFORMATION:
; APPLICANT: Wyeth
; TITLE OF INVENTION: Nucleic Acid Arrays for Monitoring Expression Profiles of Drug
; FILE REFERENCE: AM101083 (031896-042099)
; CURRENT APPLICATION NUMBER: US/60/545,213
; CURRENT FILING DATE: 2004-02-18
; NUMBER OF SEQ ID NOS: 303284
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 106857
; LENGTH: 25
; TYPE: DNA
; ORGANISM: probe
US-60-545-213-106857

Query Match      8.6%; Score 25; DB 1; Length 25;
Best Local Similarity 100.0%; Pred. No. 0.96;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 883 AGATGCACCTTACTCTCAGCTTCTG 907
Db 1 AGATGCACCTTACTCTCAGCTTCTG 25

RESULT 21
US-60-545-213-106858
; Sequence 106858, Application US/60545213
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; TITLE OF INVENTION: Nucleic Acid Arrays for Monitoring Expression Profiles of Drug
; FILE REFERENCE: AM101083 (031896-042099)
; CURRENT APPLICATION NUMBER: US/60/545,213
; CURRENT FILING DATE: 2004-02-18
; NUMBER OF SEQ ID NOS: 303284
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 106858
; LENGTH: 25
; TYPE: DNA
; ORGANISM: probe
US-60-545-213-106858

Query Match      8.6%; Score 25; DB 1; Length 25;
Best Local Similarity 100.0%; Pred. No. 0.96;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 906 TGGCATCAGATTATCATCACACCA 930
Db 1 TGGCATCAGATTATCATCACACCA 25

RESULT 22
US-60-545-213-117730
; Sequence 117730, Application US/60545213
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; TITLE OF INVENTION: Nucleic Acid Arrays for Monitoring Expression Profiles of Drug
; FILE REFERENCE: AM101083 (031896-042099)
; CURRENT APPLICATION NUMBER: US/60/545,213
; CURRENT FILING DATE: 2004-02-18
; NUMBER OF SEQ ID NOS: 303284
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 117730
; LENGTH: 25
; TYPE: DNA
; ORGANISM: probe
US-60-545-213-117730

Query Match      8.6%; Score 25; DB 1; Length 25;
Best Local Similarity 100.0%; Pred. No. 0.96;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 957 AGCCAAATTCAGCTCTCTAAATCTGG 981
Db 1 AGCCAAATTCAGCTCTCTAAATCTGG 25

RESULT 23
US-60-545-213-134758
; Sequence 134758, Application US/60545213
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; TITLE OF INVENTION: Nucleic Acid Arrays for Monitoring Expression Profiles of Drug
; FILE REFERENCE: AM101083 (031896-042099)
; CURRENT APPLICATION NUMBER: US/60/545,213
; CURRENT FILING DATE: 2004-02-18
; NUMBER OF SEQ ID NOS: 303284
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 134758
; LENGTH: 25
; TYPE: DNA
; ORGANISM: probe
US-60-545-213-134758

Query Match      8.6%; Score 25; DB 1; Length 25;
Best Local Similarity 100.0%; Pred. No. 0.96;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 963 ATTGACTCTCTAAATCTGGTGTATG 987
Db 1 ATTGACTCTCTAAATCTGGTGTATG 25

RESULT 24
US-60-545-213-137488
; Sequence 137488, Application US/60545213
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; TITLE OF INVENTION: Nucleic Acid Arrays for Monitoring Expression Profiles of Drug
; FILE REFERENCE: AM101083 (031896-042099)
; CURRENT APPLICATION NUMBER: US/60/545,213
; CURRENT FILING DATE: 2004-02-18
; NUMBER OF SEQ ID NOS: 303284
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 137488
; LENGTH: 25
; TYPE: DNA
; ORGANISM: probe
US-60-545-213-137488

Query Match      8.6%; Score 25; DB 1; Length 25;
Best Local Similarity 100.0%; Pred. No. 0.96;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 952 AGAAGAGCCAAATTCAGCTCTCTAAA 976
Db 1 AGAAGAGCCAAATTCAGCTCTCTAAA 25

RESULT 25
US-60-545-213-143716
; Sequence 143716, Application US/60545213
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; TITLE OF INVENTION: Nucleic Acid Arrays for Monitoring Expression Profiles of Drug
; FILE REFERENCE: AM101083 (031896-042099)
```

; CURRENT APPLICATION NUMBER: US/60/545,213
; CURRENT FILING DATE: 2004-02-18
; NUMBER OF SEQ ID NOS: 303284
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 143716
; LENGTH: 25
; TYPE: DNA
; ORGANISM: probe
US-60-545-213-143716

Query Match 8.6%; Score 25; DB 1; Length 25;
Best Local Similarity 100.0%; Pred. No. 0.96;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 874 ACTTCTCCTGAGATGCACCTTACTTCT 898
|||||
Db 1 ACTTCTCCTGAGATGCACCTTACTTCT 25

RESULT 26
US-60-545-213-143809
; Sequence 143809, Application US/60545213
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Mounts, William Martin
; TITLE OF INVENTION: Nucleic Acid Arrays for Monitoring Expression Profiles of Drug
; FILE REFERENCE: AM101083 (031896-042099)
; CURRENT APPLICATION NUMBER: US/60/545,213
; CURRENT FILING DATE: 2004-02-18
; NUMBER OF SEQ ID NOS: 303284
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 143809
; LENGTH: 25
; TYPE: DNA
; ORGANISM: probe
US-60-545-213-143809

Query Match 8.6%; Score 25; DB 1; Length 25;
Best Local Similarity 100.0%; Pred. No. 0.96;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 893 ACTTCTCAGCTTCGCGATCAGATT 917
|||||
Db 1 ACTTCTCAGCTTCGCGATCAGATT 25

RESULT 27
US-60-545-213-146137
; Sequence 146137, Application US/60545213
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Mounts, William Martin
; TITLE OF INVENTION: Nucleic Acid Arrays for Monitoring Expression Profiles of Drug
; FILE REFERENCE: AM101083 (031896-042099)
; CURRENT APPLICATION NUMBER: US/60/545,213
; CURRENT FILING DATE: 2004-02-18
; NUMBER OF SEQ ID NOS: 303284
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 146137
; LENGTH: 25
; TYPE: DNA
; ORGANISM: probe
US-60-545-213-146137

Query Match 8.6%; Score 25; DB 1; Length 25;
Best Local Similarity 100.0%; Pred. No. 0.96;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 872 ACACCTTTCTCCTGAGATGCACCTTACTT 896
|||||
Db 1 ACACCTTTCTCCTGAGATGCACCTTACTT 25

RESULT 28
US-60-545-213-147505
; Sequence 147505, Application US/60545213
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Mounts, William Martin
; TITLE OF INVENTION: Nucleic Acid Arrays for Monitoring Expression Profiles of Drug
; FILE REFERENCE: AM101083 (031896-042099)
; CURRENT APPLICATION NUMBER: US/60/545,213
; CURRENT FILING DATE: 2004-02-18
; NUMBER OF SEQ ID NOS: 303284
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 147505
; LENGTH: 25
; TYPE: DNA
; ORGANISM: probe
US-60-545-213-147505

Query Match 8.6%; Score 25; DB 1; Length 25;
Best Local Similarity 100.0%; Pred. No. 0.96;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 961 AAATTGACTCTCTAAATCTGGTGTA 985
|||||
Db 1 AAATTGACTCTCTAAATCTGGTGTA 25

RESULT 29
US-60-545-213-150926
; Sequence 150926, Application US/60545213
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Mounts, William Martin
; TITLE OF INVENTION: Nucleic Acid Arrays for Monitoring Expression Profiles of Drug
; FILE REFERENCE: AM101083 (031896-042099)
; CURRENT APPLICATION NUMBER: US/60/545,213
; CURRENT FILING DATE: 2004-02-18
; NUMBER OF SEQ ID NOS: 303284
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 150926
; LENGTH: 25
; TYPE: DNA
; ORGANISM: probe
US-60-545-213-150926

Query Match 8.6%; Score 25; DB 1; Length 25;
Best Local Similarity 100.0%; Pred. No. 0.96;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 871 AACACTTTCTCCTGAGATGCACCTTACT 895
|||||
Db 1 AACACTTTCTCCTGAGATGCACCTTACT 25

RESULT 30
US-60-545-213-163247
; Sequence 163247, Application US/60545213
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Mounts, William Martin
; TITLE OF INVENTION: Nucleic Acid Arrays for Monitoring Expression Profiles of Drug
; FILE REFERENCE: AM101083 (031896-042099)
; CURRENT APPLICATION NUMBER: US/60/545,213
; CURRENT FILING DATE: 2004-02-18
; NUMBER OF SEQ ID NOS: 303284
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 163247
; LENGTH: 25

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; TYPE: DNA
; ORGANISM: probe
US-60-545-213-163247

Query Match      8.6%; Score 25; DB 1; Length 25;
Best Local Similarity 100.0%; Pred. No. 0.96;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 873 CACTTCTCGAGTGCCTTACTTC 897
Db 1 CACTTCTCGAGTGCCTTACTTC 25

RESULT 31
US-60-545-213-165975
; Sequence 165975, Application US/60545213
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; TITLE OF INVENTION: Nucleic Acid Arrays for Monitoring Expression Profiles of Drug
; FILE REFERENCE: AM101083 (031896-042099)
; CURRENT APPLICATION NUMBER: US/60/545,213
; CURRENT FILING DATE: 2004-02-18
; NUMBER OF SEQ ID NOS: 303284
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 165975
; LENGTH: 25
; TYPE: DNA
; ORGANISM: probe
US-60-545-213-165975

Query Match      8.6%; Score 25; DB 1; Length 25;
Best Local Similarity 100.0%; Pred. No. 0.96;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 899 CAGCTTCTCGATCAGATTATCATC 923
Db 1 CAGCTTCTCGATCAGATTATCATC 25

RESULT 32
US-60-545-213-169307
; Sequence 169307, Application US/60545213
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; TITLE OF INVENTION: Nucleic Acid Arrays for Monitoring Expression Profiles of Drug
; FILE REFERENCE: AM101083 (031896-042099)
; CURRENT APPLICATION NUMBER: US/60/545,213
; CURRENT FILING DATE: 2004-02-18
; NUMBER OF SEQ ID NOS: 303284
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 169307
; LENGTH: 25
; TYPE: DNA
; ORGANISM: probe
US-60-545-213-169307

Query Match      8.6%; Score 25; DB 1; Length 25;
Best Local Similarity 100.0%; Pred. No. 0.96;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 733 CATAGGACTTGGTAGGTCCTCCAGG 757
Db 1 CATAGGACTTGGTAGGTCCTCCAGG 25

RESULT 33
US-60-545-213-176503
; Sequence 176503, Application US/60545213
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; TITLE OF INVENTION: Nucleic Acid Arrays for Monitoring Expression Profiles of Drug
; FILE REFERENCE: AM101083 (031896-042099)
; CURRENT APPLICATION NUMBER: US/60/545,213
; CURRENT FILING DATE: 2004-02-18
; NUMBER OF SEQ ID NOS: 303284
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 176503
; LENGTH: 25
; TYPE: DNA
; ORGANISM: probe
US-60-545-213-176503

Query Match      8.6%; Score 25; DB 1; Length 25;
Best Local Similarity 100.0%; Pred. No. 0.96;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 897 CTCAGCTTCTCGATCAGATTATCA 921
Db 1 CTCAGCTTCTCGATCAGATTATCA 25

RESULT 34
US-60-545-213-177409
; Sequence 177409, Application US/60545213
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; TITLE OF INVENTION: Nucleic Acid Arrays for Monitoring Expression Profiles of Drug
; FILE REFERENCE: AM101083 (031896-042099)
; CURRENT APPLICATION NUMBER: US/60/545,213
; CURRENT FILING DATE: 2004-02-18
; NUMBER OF SEQ ID NOS: 303284
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 177409
; LENGTH: 25
; TYPE: DNA
; ORGANISM: probe
US-60-545-213-177409

Query Match      8.6%; Score 25; DB 1; Length 25;
Best Local Similarity 100.0%; Pred. No. 0.96;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 803 CTCCTCTCACTCAGGCTTGGCTG 827
Db 1 CTCCTCTCACTCAGGCTTGGCTG 25

RESULT 35
US-60-545-213-177926
; Sequence 177926, Application US/60545213
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; TITLE OF INVENTION: Nucleic Acid Arrays for Monitoring Expression Profiles of Drug
; FILE REFERENCE: AM101083 (031896-042099)
; CURRENT APPLICATION NUMBER: US/60/545,213
; CURRENT FILING DATE: 2004-02-18
; NUMBER OF SEQ ID NOS: 303284
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 177926
; LENGTH: 25
; TYPE: DNA
; ORGANISM: probe
US-60-545-213-177926

Query Match      8.6%; Score 25; DB 1; Length 25;
Best Local Similarity 100.0%; Pred. No. 0.96;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 968 CTCTTAATCTGGTGTATGGGTAT 992
Db 1 CTCTTAATCTGGTGTATGGGTAT 25

RESULT 36

US-60-545-213-178549
; Sequence 178549, Application US/60545213
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Mounts, William Martin
; TITLE OF INVENTION: Nucleic Acid Arrays for Monitoring Expression Profiles of Drug
; FILE REFERENCE: AM101083 (031896-042099)
; CURRENT APPLICATION NUMBER: US/60/545,213
; CURRENT FILING DATE: 2004-02-18
; NUMBER OF SEQ ID NOS: 303284
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 178549
; LENGTH: 25
; TYPE: DNA
; ORGANISM: probe
US-60-545-213-178549

Query Match 8.6%; Score 25; DB 1; Length 25;

Best Local Similarity 100.0%; Pred. No. 0.96;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 805 CTCCTCAACTCAGGGTGGCTGTG 829
Db 1 CTCCTCAACTCAGGGTGGCTGTG 25

RESULT 37

US-60-545-213-179972
; Sequence 179972, Application US/60545213
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Mounts, William Martin
; TITLE OF INVENTION: Nucleic Acid Arrays for Monitoring Expression Profiles of Drug
; FILE REFERENCE: AM101083 (031896-042099)
; CURRENT APPLICATION NUMBER: US/60/545,213
; CURRENT FILING DATE: 2004-02-18
; NUMBER OF SEQ ID NOS: 303284
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 179972
; LENGTH: 25
; TYPE: DNA
; ORGANISM: probe
US-60-545-213-179972

Query Match 8.6%; Score 25; DB 1; Length 25;

Best Local Similarity 100.0%; Pred. No. 0.96;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 905 CTGGATCAGATTATCATCACCAC 929
Db 1 CTGGATCAGATTATCATCACCAC 25

RESULT 38

US-60-545-213-182222
; Sequence 182222, Application US/60545213
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Mounts, William Martin
; TITLE OF INVENTION: Nucleic Acid Arrays for Monitoring Expression Profiles of Drug
; FILE REFERENCE: AM101083 (031896-042099)
; CURRENT APPLICATION NUMBER: US/60/545,213

; CURRENT FILING DATE: 2004-02-18
; NUMBER OF SEQ ID NOS: 303284
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 182222
; LENGTH: 25
; TYPE: DNA
; ORGANISM: probe
US-60-545-213-182222

Query Match 8.6%; Score 25; DB 1; Length 25;
Best Local Similarity 100.0%; Pred. No. 0.96;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 853 CTCCTGGCTCCAGTTGGAACACTT 877
Db 1 CTCCTGGCTCCAGTTGGAACACTT 25

RESULT 39

US-60-545-213-182955
; Sequence 182955, Application US/60545213
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Mounts, William Martin
; TITLE OF INVENTION: Nucleic Acid Arrays for Monitoring Expression Profiles of Drug
; FILE REFERENCE: AM101083 (031896-042099)
; CURRENT APPLICATION NUMBER: US/60/545,213
; CURRENT FILING DATE: 2004-02-18
; NUMBER OF SEQ ID NOS: 303284
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 182955
; LENGTH: 25
; TYPE: DNA
; ORGANISM: probe
US-60-545-213-182955

Query Match 8.6%; Score 25; DB 1; Length 25;
Best Local Similarity 100.0%; Pred. No. 0.96;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 857 CTGGCTCCAGTTGGAACACTTTCCT 881
Db 1 CTGGCTCCAGTTGGAACACTTTCCT 25

RESULT 40

US-60-545-213-190262
; Sequence 190262, Application US/60545213
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Mounts, William Martin
; TITLE OF INVENTION: Nucleic Acid Arrays for Monitoring Expression Profiles of Drug
; FILE REFERENCE: AM101083 (031896-042099)
; CURRENT APPLICATION NUMBER: US/60/545,213
; CURRENT FILING DATE: 2004-02-18
; NUMBER OF SEQ ID NOS: 303284
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 190262
; LENGTH: 25
; TYPE: DNA
; ORGANISM: probe
US-60-545-213-190262

Query Match 8.6%; Score 25; DB 1; Length 25;
Best Local Similarity 100.0%; Pred. No. 0.96;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 856 CTGGCTCCAGTTGGAACACTTTC 880
Db 1 CTGGCTCCAGTTGGAACACTTTC 25

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; ORGANISM: probe
US-60-545-213-215878

Query Match      8.6%; Score 25; DB 1; Length 25;
Best Local Similarity 100.0%; Pred. No. 0.96;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 870 GAACACTTTCCTGAGATGCACCTTAC 894
    |||
Db 1 GAACACTTTCCTGAGATGCACCTTAC 25

RESULT 44
US-60-545-213-220348
; Sequence 220348, Application US/60545213
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Mounts, William Martin
; TITLE OF INVENTION: Nucleic Acid Arrays for Monitoring Expression Profiles of Drug
; FILE REFERENCE: AM101083 (031896-042099)
; CURRENT APPLICATION NUMBER: US/60/545,213
; CURRENT FILING DATE: 2004-02-18
; NUMBER OF SEQ ID NOS: 303284
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 220348
; LENGTH: 25
; TYPE: DNA
; ORGANISM: probe
US-60-545-213-220348

Query Match      8.6%; Score 25; DB 1; Length 25;
Best Local Similarity 100.0%; Pred. No. 0.96;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 724 GACTCTGTCATAGGACTTGCTAGG 748
    |||
Db 1 GACTCTGTCATAGGACTTGCTAGG 25

RESULT 45
US-60-545-213-220578
; Sequence 220578, Application US/60545213
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Mounts, William Martin
; TITLE OF INVENTION: Nucleic Acid Arrays for Monitoring Expression Profiles of Drug
; FILE REFERENCE: AM101083 (031896-042099)
; CURRENT APPLICATION NUMBER: US/60/545,213
; CURRENT FILING DATE: 2004-02-18
; NUMBER OF SEQ ID NOS: 303284
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 220578
; LENGTH: 25
; TYPE: DNA
; ORGANISM: probe
US-60-545-213-220578

Query Match      8.6%; Score 25; DB 1; Length 25;
Best Local Similarity 100.0%; Pred. No. 0.96;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 966 GACTCTCTAAATCTGGTATGGGT 990
    |||
Db 1 GACTCTCTAAATCTGGTATGGGT 25

RESULT 46
US-60-545-213-226146
; Sequence 226146, Application US/60545213
; GENERAL INFORMATION:
; APPLICANT: Wyeth

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; APPLICANT: Mounts, William Martin
; TITLE OF INVENTION: Nucleic Acid Arrays for Monitoring Expression Profiles of Drug
; TITLE OF INVENTION: Target Genes
; FILE REFERENCE: AM101083 (031896-042099)
; CURRENT APPLICATION NUMBER: US/60/545,213
; CURRENT FILING DATE: 2004-02-18
; NUMBER OF SEQ ID NOS: 303284
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 226146
; LENGTH: 25
; TYPE: DNA
; ORGANISM: probe
US-60-545-213-226146

Query Match      8.6%; Score 25; DB 1; Length 25;
Best Local Similarity 100.0%; Pred. No. 0.96;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      720 GAGTGACTCTGGTCATAGGACTTGG 744
Db      1 GAGTGACTCTGGTCATAGGACTTGG 25

RESULT 47
US-60-545-213-232327
; Sequence 232327, Application US/60545213
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Mounts, William Martin
; TITLE OF INVENTION: Nucleic Acid Arrays for Monitoring Expression Profiles of Drug
; TITLE OF INVENTION: Target Genes
; FILE REFERENCE: AM101083 (031896-042099)
; CURRENT APPLICATION NUMBER: US/60/545,213
; CURRENT FILING DATE: 2004-02-18
; NUMBER OF SEQ ID NOS: 303284
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 232327
; LENGTH: 25
; TYPE: DNA
; ORGANISM: probe
US-60-545-213-232327

Query Match      8.6%; Score 25; DB 1; Length 25;
Best Local Similarity 100.0%; Pred. No. 0.96;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      866 GTTGGACACTTCTCGATGACAC 890
Db      1 GTTGGACACTTCTCGATGACAC 25

RESULT 48
US-60-545-213-241241
; Sequence 241241, Application US/60545213
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Mounts, William Martin
; TITLE OF INVENTION: Nucleic Acid Arrays for Monitoring Expression Profiles of Drug
; TITLE OF INVENTION: Target Genes
; FILE REFERENCE: AM101083 (031896-042099)
; CURRENT APPLICATION NUMBER: US/60/545,213
; CURRENT FILING DATE: 2004-02-18
; NUMBER OF SEQ ID NOS: 303284
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 241241
; LENGTH: 25
; TYPE: DNA
; ORGANISM: probe
US-60-545-213-241241

Query Match      8.6%; Score 25; DB 1; Length 25;
Best Local Similarity 100.0%; Pred. No. 0.96;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy      854 GTCCTGGCTCCAGTTGGAACACTTT 878
Db      1 GTCCTGGCTCCAGTTGGAACACTTT 25

RESULT 49
US-60-545-213-243479
; Sequence 243479, Application US/60545213
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Mounts, William Martin
; TITLE OF INVENTION: Nucleic Acid Arrays for Monitoring Expression Profiles of Drug
; TITLE OF INVENTION: Target Genes
; FILE REFERENCE: AM101083 (031896-042099)
; CURRENT APPLICATION NUMBER: US/60/545,213
; CURRENT FILING DATE: 2004-02-18
; NUMBER OF SEQ ID NOS: 303284
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 243479
; LENGTH: 25
; TYPE: DNA
; ORGANISM: probe
US-60-545-213-243479

Query Match      8.6%; Score 25; DB 1; Length 25;
Best Local Similarity 100.0%; Pred. No. 0.96;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      722 GTGACTCTGGTCATAGGACTTGGTA 746
Db      1 GTGACTCTGGTCATAGGACTTGGTA 25

RESULT 50
US-60-545-213-251282
; Sequence 251282, Application US/60545213
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Mounts, William Martin
; TITLE OF INVENTION: Nucleic Acid Arrays for Monitoring Expression Profiles of Drug
; TITLE OF INVENTION: Target Genes
; FILE REFERENCE: AM101083 (031896-042099)
; CURRENT APPLICATION NUMBER: US/60/545,213
; CURRENT FILING DATE: 2004-02-18
; NUMBER OF SEQ ID NOS: 303284
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 251282
; LENGTH: 25
; TYPE: DNA
; ORGANISM: probe
US-60-545-213-251282

Query Match      8.6%; Score 25; DB 1; Length 25;
Best Local Similarity 100.0%; Pred. No. 0.96;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      730 GGTATAGGACTTGGTAGGGTCCCA 754
Db      1 GGTATAGGACTTGGTAGGGTCCCA 25

RESULT 51
US-60-545-213-255055
; Sequence 255055, Application US/60545213
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Mounts, William Martin
; TITLE OF INVENTION: Nucleic Acid Arrays for Monitoring Expression Profiles of Drug
; TITLE OF INVENTION: Target Genes
; FILE REFERENCE: AM101083 (031896-042099)
; CURRENT APPLICATION NUMBER: US/60/545,213
; CURRENT FILING DATE: 2004-02-18

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; NUMBER OF SEQ ID NOS: 303284
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 255055
; LENGTH: 25
; TYPE: DNA
; ORGANISM: probe
US-60-545-213-255055

Query Match      8.6%; Score 25; DB 1; Length 25;
Best Local Similarity 100.0%; Pred. No. 0.96;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      717 GGAGAGTGAAGTCTGGTTCATAGGACT 741
Db      1 GGAGAGTGAAGTCTGGTTCATAGGACT 25

RESULT 52
US-60-545-213-256808
; Sequence 256808, Application US/60545213
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Mounts, William Martin
; TITLE OF INVENTION: Nucleic Acid Arrays for Monitoring Expression Profiles of Drug
; FILE REFERENCE: AM101083 (031896-042099)
; CURRENT APPLICATION NUMBER: US/60/545,213
; CURRENT FILING DATE: 2004-02-18
; NUMBER OF SEQ ID NOS: 303284
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 256808
; LENGTH: 25
; TYPE: DNA
; ORGANISM: probe
US-60-545-213-256808

Query Match      8.6%; Score 25; DB 1; Length 25;
Best Local Similarity 100.0%; Pred. No. 0.96;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      869 GGAACACTTTCCTGAGATGACACTTA 893
Db      1 GGAACACTTTCCTGAGATGACACTTA 25

RESULT 53
US-60-545-213-260648
; Sequence 260648, Application US/60545213
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Mounts, William Martin
; TITLE OF INVENTION: Nucleic Acid Arrays for Monitoring Expression Profiles of Drug
; FILE REFERENCE: AM101083 (031896-042099)
; CURRENT APPLICATION NUMBER: US/60/545,213
; CURRENT FILING DATE: 2004-02-18
; NUMBER OF SEQ ID NOS: 303284
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 260648
; LENGTH: 25
; TYPE: DNA
; ORGANISM: probe
US-60-545-213-260648

Query Match      8.6%; Score 25; DB 1; Length 25;
Best Local Similarity 100.0%; Pred. No. 0.96;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      859 GGCTCCAGTTGGAAACACTTTCCTGGA 883
Db      1 GGCTCCAGTTGGAAACACTTTCCTGGA 25

RESULT 54
US-60-545-213-270248
; Sequence 270248, Application US/60545213
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Mounts, William Martin
; TITLE OF INVENTION: Nucleic Acid Arrays for Monitoring Expression Profiles of Drug
; FILE REFERENCE: AM101083 (031896-042099)
; CURRENT APPLICATION NUMBER: US/60/545,213
; CURRENT FILING DATE: 2004-02-18
; NUMBER OF SEQ ID NOS: 303284
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 270248
; LENGTH: 25
; TYPE: DNA
; ORGANISM: probe
US-60-545-213-270248

Query Match      8.6%; Score 25; DB 1; Length 25;
Best Local Similarity 100.0%; Pred. No. 0.96;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      881 TCAGATGCACCTTACTTCTCAGCTTC 905
Db      1 TCAGATGCACCTTACTTCTCAGCTTC 25

RESULT 55
US-60-545-213-275800
; Sequence 275800, Application US/60545213
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Mounts, William Martin
; TITLE OF INVENTION: Nucleic Acid Arrays for Monitoring Expression Profiles of Drug
; FILE REFERENCE: AM101083 (031896-042099)
; CURRENT APPLICATION NUMBER: US/60/545,213
; CURRENT FILING DATE: 2004-02-18
; NUMBER OF SEQ ID NOS: 303284
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 275800
; LENGTH: 25
; TYPE: DNA
; ORGANISM: probe
US-60-545-213-275800

Query Match      8.6%; Score 25; DB 1; Length 25;
Best Local Similarity 100.0%; Pred. No. 0.96;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      862 TCCAGTTGGAACACTTCTCTGAGAT 886
Db      1 TCCAGTTGGAACACTTCTCTGAGAT 25

RESULT 56
US-60-545-213-288459
; Sequence 288459, Application US/60545213
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Mounts, William Martin
; TITLE OF INVENTION: Nucleic Acid Arrays for Monitoring Expression Profiles of Drug
; FILE REFERENCE: AM101083 (031896-042099)
; CURRENT APPLICATION NUMBER: US/60/545,213
; CURRENT FILING DATE: 2004-02-18
; NUMBER OF SEQ ID NOS: 303284
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 288459
; LENGTH: 25
; TYPE: DNA
; ORGANISM: probe
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US-60-545-213-288459
Query Match      8.6%; Score 25; DB 1; Length 25;
Best Local Similarity 100.0%; Pred. No. 0.96;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 892 TACTTCTCAGCTTCTCGCATCAGAT 916
DB 1 TACTTCTCAGCTTCTCGCATCAGAT 25

RESULT 57
US-60-545-213-294463
; Sequence 294463, Application US/60545213
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Mounts, William Martin
; TITLE OF INVENTION: Nucleic Acid Arrays for Monitoring Expression Profiles of Drug
; FILE REFERENCE: AM101083 (031896-042099)
; CURRENT APPLICATION NUMBER: US/60/545,213
; CURRENT FILING DATE: 2004-02-18
; NUMBER OF SEQ ID NOS: 303284
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 294463
; LENGTH: 25
; TYPE: DNA
; ORGANISM: probe
US-60-545-213-294463
Query Match      8.6%; Score 25; DB 1; Length 25;
Best Local Similarity 100.0%; Pred. No. 0.96;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 876 TTCTCTGAGATGCACTTACTTCTCA 900
DB 1 TTCTCTGAGATGCACTTACTTCTCA 25

RESULT 58
US-60-545-213-298013
; Sequence 298013, Application US/60545213
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Mounts, William Martin
; TITLE OF INVENTION: Nucleic Acid Arrays for Monitoring Expression Profiles of Drug
; FILE REFERENCE: AM101083 (031896-042099)
; CURRENT APPLICATION NUMBER: US/60/545,213
; CURRENT FILING DATE: 2004-02-18
; NUMBER OF SEQ ID NOS: 303284
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 298013
; LENGTH: 25
; TYPE: DNA
; ORGANISM: probe
US-60-545-213-298013
Query Match      8.6%; Score 25; DB 1; Length 25;
Best Local Similarity 100.0%; Pred. No. 0.96;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 891 TTACTTCTCAGCTTCTCGCATCAGA 915
DB 1 TTACTTCTCAGCTTCTCGCATCAGA 25

RESULT 59
US-60-545-213-299005
; Sequence 299005, Application US/60545213
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Mounts, William Martin
; TITLE OF INVENTION: Nucleic Acid Arrays for Monitoring Expression Profiles of Drug
; FILE REFERENCE: AM101083 (031896-042099)
; CURRENT APPLICATION NUMBER: US/60/545,213
; CURRENT FILING DATE: 2004-02-18
; NUMBER OF SEQ ID NOS: 303284
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 299005
; LENGTH: 25
; TYPE: DNA
; ORGANISM: probe
US-60-545-213-299005
Query Match      8.6%; Score 25; DB 1; Length 25;
Best Local Similarity 100.0%; Pred. No. 0.96;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 903 TTCTCGCATCAGATTATCATCACCA 927
DB 1 TTCTCGCATCAGATTATCATCACCA 25

RESULT 60
US-60-545-213-300049
; Sequence 300049, Application US/60545213
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Mounts, William Martin
; TITLE OF INVENTION: Nucleic Acid Arrays for Monitoring Expression Profiles of Drug
; FILE REFERENCE: AM101083 (031896-042099)
; CURRENT APPLICATION NUMBER: US/60/545,213
; CURRENT FILING DATE: 2004-02-18
; NUMBER OF SEQ ID NOS: 303284
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 300049
; LENGTH: 25
; TYPE: DNA
; ORGANISM: probe
US-60-545-213-300049
Query Match      8.6%; Score 25; DB 1; Length 25;
Best Local Similarity 100.0%; Pred. No. 0.96;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 895 TTCTCAGCTTCTCGCATCAGATTAT 919
DB 1 TTCTCAGCTTCTCGCATCAGATTAT 25

RESULT 61
US-60-545-213-106824
; Sequence 106824, Application US/60545213
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Mounts, William Martin
; TITLE OF INVENTION: Nucleic Acid Arrays for Monitoring Expression Profiles of Drug
; FILE REFERENCE: AM101083 (031896-042099)
; CURRENT APPLICATION NUMBER: US/60/545,213
; CURRENT FILING DATE: 2004-02-18
; NUMBER OF SEQ ID NOS: 303284
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 106824
; LENGTH: 25
; TYPE: DNA
; ORGANISM: probe
US-60-545-213-106824
Query Match      8.3%; Score 24; DB 1; Length 25;
Best Local Similarity 100.0%; Pred. No. 1.6;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```


US-60-545-213-148060
; Sequence 148060, Application US/60545213
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Mounts, William Martin
; TITLE OF INVENTION: Nucleic Acid Arrays for Monitoring Expression Profiles of Drug
; FILE REFERENCE: AM101083 (031896-042099)
; CURRENT FILING DATE: 2004-02-18
; NUMBER OF SEQ ID NOS: 303284
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 148060
; LENGTH: 25
; TYPE: DNA
; ORGANISM: probe
US-60-545-213-148060

Query Match 6.6%; Score 19; DB 1; Length 25;
Best Local Similarity 100.0%; Pred. No. 19;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 974 AAATCTGGTGTATGGGTAT 992
DB 1 AAATCTGGTGTATGGGTAT 19

RESULT 68
PCT-IL04-00235-30/c
; Sequence 30, Application PC/TIL0400235
; GENERAL INFORMATION:
; APPLICANT: Karchi, Hagai
; APPLICANT: Weissner, Rafi
; APPLICANT: Ronen, Gil
; APPLICANT: Golan, Ezekiel
; APPLICANT: Livneh, Erez
; APPLICANT: Bar-Even, Arren
; APPLICANT: Kirschbaum, Natanja
; APPLICANT: Rabinovich, Larisa
; APPLICANT: Zeligier, Naama
; APPLICANT: Savir, Noa
; APPLICANT: Weiss, Udi

; TITLE OF INVENTION: NUCLEOTIDE SEQUENCES REGULATING GENE EXPRESSION AND CONSTRUCTS
; FILE REFERENCE: 27327
; CURRENT APPLICATION NUMBER: PCT/IL04/00235
; CURRENT FILING DATE: 2004-05-06
; NUMBER OF SEQ ID NOS: 214
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 30
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Single strand DNA oligonucleotide
PCT-IL04-00235-30

Query Match 6.3%; Score 18.2; DB 1; Length 23;
Best Local Similarity 87.0%; Pred. No. 24;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 827 GTGTCCTCTTTCTCTCTGAAGA 849
DB 23 GTGGCTCTCTCTCTCTATGAAGA 1

RESULT 69
US-60-545-213-164440
; Sequence 164440, Application US/60545213
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Mounts, William Martin

; TITLE OF INVENTION: Target Genes
; FILE REFERENCE: AM101083 (031896-042099)
; CURRENT APPLICATION NUMBER: US/60/545,213
; CURRENT FILING DATE: 2004-02-18
; NUMBER OF SEQ ID NOS: 303284
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 164440
; LENGTH: 25
; TYPE: DNA
; ORGANISM: probe
US-60-545-213-164440

Query Match 6.2%; Score 18; DB 1; Length 25;
Best Local Similarity 100.0%; Pred. No. 31;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 929 CACCTCTCCAGAGAAATTTT 946
DB 1 CACCTCTCCAGAGAAATTTT 18

RESULT 70
US-60-545-213-68276/c
; Sequence 68276, Application US/60545213
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Mounts, William Martin

; TITLE OF INVENTION: Nucleic Acid Arrays for Monitoring Expression Profiles of Drug
; FILE REFERENCE: AM101083 (031896-042099)
; CURRENT APPLICATION NUMBER: US/60/545,213
; CURRENT FILING DATE: 2004-02-18
; NUMBER OF SEQ ID NOS: 303284
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 68276
; LENGTH: 25
; TYPE: DNA
; ORGANISM: probe
US-60-545-213-68276

Query Match 6.1%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 37;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 913 AGATTATCATCACCACCCTCC 936
DB 25 AAATATCATCATCACCCTCC 2

RESULT 71
US-60-545-213-194275
; Sequence 194275, Application US/60545213
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Mounts, William Martin

; TITLE OF INVENTION: Nucleic Acid Arrays for Monitoring Expression Profiles of Drug
; FILE REFERENCE: AM101083 (031896-042099)
; CURRENT APPLICATION NUMBER: US/60/545,213
; CURRENT FILING DATE: 2004-02-18
; NUMBER OF SEQ ID NOS: 303284
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 194275
; LENGTH: 25
; TYPE: DNA
; ORGANISM: probe
US-60-545-213-194275

Query Match 6.1%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 37;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

```
Db 1 CCAGGACGGTGACACTGGTGATCG 24
|||||
Query Match 5.1%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 37;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

RESULT 72
US-60-545-213-275775
; Sequence 275775, Application US/60545213
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Mounts, William Martin
; TITLE OF INVENTION: Nucleic Acid Arrays for Monitoring Expression Profiles of Drug
; FILE REFERENCE: AM101083 (031896-042099)
; CURRENT APPLICATION NUMBER: US/60/545,213
; CURRENT FILING DATE: 2004-02-18
; NUMBER OF SEQ ID NOS: 303284
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 275775
; LENGTH: 25
; TYPE: DNA
; ORGANISM: probe
US-60-545-213-275775

Query Match 5.1%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 37;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 714 CCAGGAGAGTGACTCTGGTGATAG 737
|||||
Db 2 CCAGGACGGTGACACTGGTGATCG 25
|||||

RESULT 73
US-60-545-213-68269/c
; Sequence 68269, Application US/60545213
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Mounts, William Martin
; TITLE OF INVENTION: Nucleic Acid Arrays for Monitoring Expression Profiles of Drug
; FILE REFERENCE: AM101083 (031896-042099)
; CURRENT APPLICATION NUMBER: US/60/545,213
; CURRENT FILING DATE: 2004-02-18
; NUMBER OF SEQ ID NOS: 303284
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 68269
; LENGTH: 25
; TYPE: DNA
; ORGANISM: probe
US-60-545-213-68269

Query Match 5.9%; Score 17.2; DB 1; Length 25;
Best Local Similarity 86.4%; Pred. No. 45;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 915 ATTATCATCACCACCCCTCC 936
|||||
Db 24 ATAATCATCATCACCCTCTCC 3
|||||

RESULT 74
US-60-545-213-68270/c
; Sequence 68270, Application US/60545213
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Mounts, William Martin
; TITLE OF INVENTION: Nucleic Acid Arrays for Monitoring Expression Profiles of Drug
; FILE REFERENCE: AM101083 (031896-042099)
; CURRENT APPLICATION NUMBER: US/60/545,213
; CURRENT FILING DATE: 2004-02-18
; NUMBER OF SEQ ID NOS: 303284
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 68270
; LENGTH: 25
; TYPE: DNA
; ORGANISM: probe
US-60-545-213-68270

Query Match 5.9%; Score 17.2; DB 1; Length 25;
Best Local Similarity 86.4%; Pred. No. 45;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 875 CTTTCCTGAGATGCACCTTACTT 896
|||||
Db 22 CTTTCCTGAGATGCACCTTACTT 1
|||||

RESULT 77
US-60-545-213-177050/c
; Sequence 177050, Application US/60545213
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Mounts, William Martin
; TITLE OF INVENTION: Nucleic Acid Arrays for Monitoring Expression Profiles of Drug
; FILE REFERENCE: AM101083 (031896-042099)
; CURRENT APPLICATION NUMBER: US/60/545,213
; CURRENT FILING DATE: 2004-02-18
; NUMBER OF SEQ ID NOS: 303284
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 177050
; LENGTH: 25
; TYPE: DNA
; ORGANISM: probe
US-60-545-213-177050

Query Match 5.9%; Score 17.2; DB 1; Length 25;
Best Local Similarity 86.4%; Pred. No. 45;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 937 AGAGAATTTTACGCAAGAGAG 958
|||||
Db 25 AGAGAACCTTTTCGCAAGAGAG 4
|||||

RESULT 76
US-60-545-213-155231/c
; Sequence 155231, Application US/60545213
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Mounts, William Martin
; TITLE OF INVENTION: Nucleic Acid Arrays for Monitoring Expression Profiles of Drug
; FILE REFERENCE: AM101083 (031896-042099)
; CURRENT APPLICATION NUMBER: US/60/545,213
; CURRENT FILING DATE: 2004-02-18
; NUMBER OF SEQ ID NOS: 303284
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 155231
; LENGTH: 25
; TYPE: DNA
; ORGANISM: probe
US-60-545-213-155231

Query Match 5.9%; Score 17.2; DB 1; Length 25;
Best Local Similarity 86.4%; Pred. No. 45;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 875 CTTTCCTGAGATGCACCTTACTT 896
|||||
Db 22 CTTTCCTGAGATGCACCTTACTT 1
|||||

RESULT 77
US-60-545-213-177050/c
; Sequence 177050, Application US/60545213
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Mounts, William Martin
; TITLE OF INVENTION: Nucleic Acid Arrays for Monitoring Expression Profiles of Drug
; FILE REFERENCE: AM101083 (031896-042099)
; CURRENT APPLICATION NUMBER: US/60/545,213
; CURRENT FILING DATE: 2004-02-18
; NUMBER OF SEQ ID NOS: 303284
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 177050
; LENGTH: 25
; TYPE: DNA
; ORGANISM: probe
US-60-545-213-177050

Query Match 5.9%; Score 17.2; DB 1; Length 25;
Best Local Similarity 86.4%; Pred. No. 45;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 937 AGAGAATTTTACGCAAGAGAG 958
|||||
Db 25 AGAGAACCTTTTCGCAAGAGAG 4
|||||
```

```
; Sequence 177050, Application US/60545213
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Mounts, William Martin
; TITLE OF INVENTION: Nucleic Acid Arrays for Monitoring Expression Profiles of Drug
; FILE REFERENCE: AM101083 (031896-042099)
; CURRENT APPLICATION NUMBER: US/60/545,213
; CURRENT FILING DATE: 2004-02-18
; NUMBER OF SEQ ID NOS: 303284
; SOFTWARE: Patent in version 3.2
; SEQ ID NO 177050
; LENGTH: 25
; TYPE: DNA
; ORGANISM: probe
US-60-545-213-177050
```

```
Query Match 5.9%; Score 17.2; DB 1; Length 25;
Best Local Similarity 86.4%; Pred. No. 45;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 937 AGAGAATTTACGCAAGAGAG 958
Db 22 AGAGAACTTTCGCAAGAGAG 1
```

```
RESULT 78
US-60-545-213-178911
; Sequence 178911, Application US/60545213
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Mounts, William Martin
; TITLE OF INVENTION: Nucleic Acid Arrays for Monitoring Expression Profiles of Drug
; FILE REFERENCE: AM101083 (031896-042099)
; CURRENT APPLICATION NUMBER: US/60/545,213
; CURRENT FILING DATE: 2004-02-18
; NUMBER OF SEQ ID NOS: 303284
; SOFTWARE: Patent in version 3.2
; SEQ ID NO 178911
; LENGTH: 25
; TYPE: DNA
; ORGANISM: probe
US-60-545-213-178911
```

```
Query Match 5.9%; Score 17.2; DB 1; Length 25;
Best Local Similarity 86.4%; Pred. No. 45;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 714 CCAGGAGAGTGACTCTGCTCAT 735
Db 3 CCAGGAGCGTGACACTGCTGAT 24
```

```
RESULT 79
US-60-545-213-280784
; Sequence 280784, Application US/60545213
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Mounts, William Martin
; TITLE OF INVENTION: Nucleic Acid Arrays for Monitoring Expression Profiles of Drug
; FILE REFERENCE: AM101083 (031896-042099)
; CURRENT APPLICATION NUMBER: US/60/545,213
; CURRENT FILING DATE: 2004-02-18
; NUMBER OF SEQ ID NOS: 303284
; SOFTWARE: Patent in version 3.2
; SEQ ID NO 280784
; LENGTH: 25
; TYPE: DNA
; ORGANISM: probe
US-60-545-213-280784
```

```
Query Match 5.9%; Score 17.2; DB 1; Length 25;
Best Local Similarity 86.4%; Pred. No. 45;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 714 CCAGGAGAGTGACTCTGCTCAT 735
Db 4 CCAGGAGCGTGACACTGCTGAT 25
```

```
RESULT 80
US-60-545-213-280785
; Sequence 280785, Application US/60545213
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Mounts, William Martin
; TITLE OF INVENTION: Nucleic Acid Arrays for Monitoring Expression Profiles of Drug
; FILE REFERENCE: AM101083 (031896-042099)
; CURRENT APPLICATION NUMBER: US/60/545,213
; CURRENT FILING DATE: 2004-02-18
; NUMBER OF SEQ ID NOS: 303284
; SOFTWARE: Patent in version 3.2
; SEQ ID NO 280785
; LENGTH: 25
; TYPE: DNA
; ORGANISM: probe
US-60-545-213-280785
```

```
Query Match 5.9%; Score 17.2; DB 1; Length 25;
Best Local Similarity 86.4%; Pred. No. 45;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 714 CCAGGAGAGTGACTCTGCTCAT 735
Db 4 CCAGGAGCGTGACACTGCTGAT 25
```

```
RESULT 81
US-10-843-527-43670
; Sequence 43670, Application US/10843527
; GENERAL INFORMATION:
; APPLICANT: Michael Mittmann
; APPLICANT: Eric Schell
; TITLE OF INVENTION: Methods of Genetic Analysis of SARS Virus
; FILE REFERENCE: 3602.1
; CURRENT APPLICATION NUMBER: US/10/843,527
; CURRENT FILING DATE: 2004-05-10
; PRIOR APPLICATION NUMBER: 60/469,545
; PRIOR FILING DATE: 2003-05-08
; NUMBER OF SEQ ID NOS: 238196
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 43670
; LENGTH: 25
; TYPE: DNA
; ORGANISM: SARS Virus
US-10-843-527-43670
```

```
Query Match 5.9%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 50;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 922 TCACCACCACCCCTCCAGAGAATTT 946
Db 1 TTACCACATATCTCCAAAGATTAT 25
```

```
RESULT 82
US-10-843-527-194507/c
; Sequence 194507, Application US/10843527
; GENERAL INFORMATION:
; APPLICANT: Michael Mittmann
; APPLICANT: Eric Schell
; TITLE OF INVENTION: Methods of Genetic Analysis of SARS Virus
```

```
; FILE REFERENCE: 3602.1
; CURRENT APPLICATION NUMBER: US/10/843,527
; CURRENT FILING DATE: 2004-05-10
; PRIOR APPLICATION NUMBER: 60/469,545
; PRIOR FILING DATE: 2003-05-08
; NUMBER OF SEQ ID NOS: 238196
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 194507
; TYPE: DNA
; LENGTH: 25
; ORGANISM: SARS Virus
US-10-843-527-194507

Query Match      5.9%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 50;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 922 TCACCAACCCCTCCAGAGAAATTT 946
Db 25 TTACCACTATCTCCAAAGAATTAT 1

RESULT 83
US-10-859-198-216475/c
; Sequence 216475, Application US/10859198
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Mounts, William
; APPLICANT: Murphy, Ellen
; TITLE OF INVENTION: Nucleic Acid Arrays for Detecting Multiple Strains of a Non-Viral
; FILE REFERENCE: 031896-014000 (AM101085)
; CURRENT APPLICATION NUMBER: US/10/859,198
; CURRENT FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 60/475,871
; PRIOR FILING DATE: 2003-06-05
; NUMBER OF SEQ ID NOS: 282011
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 216475
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Probe sequence
US-10-859-198-216475

Query Match      5.9%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 50;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 900 AGCTTCGCGATCAGATTATCATCA 924
Db 25 AGCATCTGAGCTCAATTATCATCA 1

RESULT 84
US-60-545-213-64163/c
; Sequence 64163, Application US/60545213
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Mounts, William Martin
; TITLE OF INVENTION: Nucleic Acid Arrays for Monitoring Expression Profiles of Drug
; FILE REFERENCE: AM101083 (031896-042099)
; CURRENT APPLICATION NUMBER: US/60/545,213
; CURRENT FILING DATE: 2004-02-18
; NUMBER OF SEQ ID NOS: 303284
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 64163
; LENGTH: 25
; TYPE: DNA
; ORGANISM: probe
US-60-545-213-64163

Query Match      5.9%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 50;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 906 TCGGATGAGATTATCATCACCA 930
Db 1 TGTATCAAAATTATCTTCACCTCA 25

RESULT 87
US-60-545-213-168997
; Sequence 168997, Application US/60545213
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Mounts, William Martin
; TITLE OF INVENTION: Nucleic Acid Arrays for Monitoring Expression Profiles of Drug
```

```
Query Match      5.9%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 50;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 882 GAGATGCACTTACTTCTCAGCTTCT 906
Db 25 GAGATGCCAATTGTTCTCAGCTTCT 1

RESULT 85
US-60-545-213-64169/c
; Sequence 64169, Application US/60545213
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Mounts, William Martin
; TITLE OF INVENTION: Nucleic Acid Arrays for Monitoring Expression Profiles of Drug
; FILE REFERENCE: AM101083 (031896-042099)
; CURRENT APPLICATION NUMBER: US/60/545,213
; CURRENT FILING DATE: 2004-02-18
; NUMBER OF SEQ ID NOS: 303284
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 64169
; LENGTH: 25
; TYPE: DNA
; ORGANISM: probe
US-60-545-213-64169

Query Match      5.9%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 50;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 883 AGATGCACTTACTTCTCAGCTTCTG 907
Db 25 AGATGCCAATTGTTCTCAGCTTCTG 1

RESULT 86
US-60-545-213-92649
; Sequence 92649, Application US/60545213
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Mounts, William Martin
; TITLE OF INVENTION: Nucleic Acid Arrays for Monitoring Expression Profiles of Drug
; FILE REFERENCE: AM101083 (031896-042099)
; CURRENT APPLICATION NUMBER: US/60/545,213
; CURRENT FILING DATE: 2004-02-18
; NUMBER OF SEQ ID NOS: 303284
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 92649
; LENGTH: 25
; TYPE: DNA
; ORGANISM: probe
US-60-545-213-92649

Query Match      5.9%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 50;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 906 TCGGATGAGATTATCATCACCA 930
Db 1 TGTATCAAAATTATCTTCACCTCA 25

RESULT 87
US-60-545-213-168997
; Sequence 168997, Application US/60545213
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Mounts, William Martin
; TITLE OF INVENTION: Nucleic Acid Arrays for Monitoring Expression Profiles of Drug
```

; FILE REFERENCE: AM101083 (031896-042099)
; CURRENT APPLICATION NUMBER: US/60/545,213
; CURRENT FILING DATE: 2004-02-18
; NUMBER OF SEQ ID NOS: 303284
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 168997
; LENGTH: 25
; TYPE: DNA
; ORGANISM: probe
US-60-545-213-168997

Query Match 5.9%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 50;
Matches 20; Conservative 0; Mismatches 5; Indels 5; Gaps 0;

QY 715 CAGGAGGTGACTCTGGTCATAGCA 739
Db 1 CAGGAGGTGACTCTGGTCATCGCA 25

RESULT 88

US-60-545-213-168998
; Sequence 168998, Application US/60545213
; GENERAL INFORMATION:
; APPLICANT: Wyeth

; TITLE OF INVENTION: Mounts, William Martin
; TITLE OF INVENTION: Nucleic Acid Arrays for Monitoring Expression Profiles of Drug
; FILE REFERENCE: AM101083 (031896-042099)
; CURRENT APPLICATION NUMBER: US/60/545,213
; CURRENT FILING DATE: 2004-02-18
; NUMBER OF SEQ ID NOS: 303284
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 168998
; LENGTH: 25
; TYPE: DNA
; ORGANISM: probe
US-60-545-213-168998

Query Match 5.9%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 50;
Matches 20; Conservative 0; Mismatches 5; Indels 5; Gaps 0;

QY 715 CAGGAGGTGACTCTGGTCATAGCA 739
Db 1 CAGGAGGTGACTCTGGTCATCGCA 25

RESULT 89

US-60-545-213-196459/c
; Sequence 196459, Application US/60545213
; GENERAL INFORMATION:
; APPLICANT: Wyeth

; TITLE OF INVENTION: Mounts, William Martin
; TITLE OF INVENTION: Nucleic Acid Arrays for Monitoring Expression Profiles of Drug
; FILE REFERENCE: AM101083 (031896-042099)
; CURRENT APPLICATION NUMBER: US/60/545,213
; CURRENT FILING DATE: 2004-02-18
; NUMBER OF SEQ ID NOS: 303284
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 196459
; LENGTH: 25
; TYPE: DNA
; ORGANISM: probe
US-60-545-213-196459

Query Match 5.9%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 50;
Matches 20; Conservative 0; Mismatches 5; Indels 5; Gaps 0;

QY 742 TGGTAGGTCCTCCAGGTCCTTAGGC 766
Db 1 TGGTAGGTCCTCCAGGTCCTTAGGC 25

Db 25 TGATAGATCCAGCCTCCCTTGGC 1

RESULT 90

US-60-545-213-127201
; Sequence 127201, Application US/60545213
; GENERAL INFORMATION:
; APPLICANT: Wyeth

; TITLE OF INVENTION: Mounts, William Martin
; TITLE OF INVENTION: Nucleic Acid Arrays for Monitoring Expression Profiles of Drug
; FILE REFERENCE: AM101083 (031896-042099)
; CURRENT APPLICATION NUMBER: US/60/545,213
; CURRENT FILING DATE: 2004-02-18
; NUMBER OF SEQ ID NOS: 303284
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 127201
; LENGTH: 25
; TYPE: DNA
; ORGANISM: probe
US-60-545-213-127201

Query Match 5.8%; Score 16.8; DB 1; Length 25;
Best Local Similarity 90.0%; Pred. No. 55;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 963 ATTGACTCTCTAAATCTGGT 982
Db 5 ATTGACTCTCTAAATCTGTT 24

RESULT 91

PCT-US03-41761-16380/c
; Sequence 16380, Application PC/TUS0341761
; GENERAL INFORMATION:
; APPLICANT: MMI GENOMICS, INC.

; APPLICANT: DENISE, Sue K.
; APPLICANT: CHARTERIS, Paul
; APPLICANT: ROSENFELD, David
; APPLICANT: HOLM, Tom
; APPLICANT: BATES, Stephen
; TITLE OF INVENTION: COMPOSITIONS, METHODS, AND SYSTEMS FOR INFERRING BOVINE BREED
; FILE REFERENCE: MM1150W0
; CURRENT APPLICATION NUMBER: PCT/US03/41761
; CURRENT FILING DATE: 2003-12-31
; PRIOR APPLICATION NUMBER: US 60/437,482
; PRIOR FILING DATE: 2002-12-31
; NUMBER OF SEQ ID NOS: 64922
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 16380
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Forward Primer
PCT-US03-41761-16380

Query Match 5.7%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 60;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 936 CAGAGAAATTTACGCAAGAGAG 958
Db 23 CAGAGAACATTAAGCAAAAGAG 1

RESULT 92

PCT-US03-41761-16380/c
; Sequence 16380, Application PC/TUS0341761
; GENERAL INFORMATION:
; APPLICANT: MMI GENOMICS, INC.
; APPLICANT: DENISE, Sue K.
; APPLICANT: CHARTERIS, Paul

; APPLICANT: ROSENFELD, David
; APPLICANT: HOLM, Tom
; APPLICANT: BATES, Stephen
; TITLE OF INVENTION: COMPOSITIONS, METHODS, AND SYSTEMS FOR INFERRING BOVINE BREED
; FILE REFERENCE: MM115000
; CURRENT APPLICATION NUMBER: PCT/US03/41761
; CURRENT FILING DATE: 2003-12-31
; PRIOR APPLICATION NUMBER: US 60/437,482
; PRIOR FILING DATE: 2002-12-31
; NUMBER OF SEQ ID NOS: 64922
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 16380
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Forward Primer
PCT-US03-41761-16380

Query Match 5.7%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 60;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 936 CAGAGATTTTACGACAGAG 958
Db 23 CAGAGACATTAAAGCAAAAGAG 1

RESULT 93
PCT-US03-41766A-16380/C
; Sequence 16380, Application PC/TUS0341766A
; GENERAL INFORMATION:
; APPLICANT: MMI GENOMICS, INC.
; APPLICANT: DENISE, Sue K.
; APPLICANT: KERR, Richard
; APPLICANT: ROSENFELD, David
; APPLICANT: HOLM, Tom
; APPLICANT: BATES, Stephen
; APPLICANT: FANTIN, Dennis
; TITLE OF INVENTION: COMPOSITIONS, METHODS AND SYSTEMS FOR INFERRING BOVINE TRAITS
; FILE REFERENCE: MM110000
; CURRENT APPLICATION NUMBER: PCT/US03/41766A
; CURRENT FILING DATE: 2003-12-31
; PRIOR APPLICATION NUMBER: US 60/437,482
; PRIOR FILING DATE: 2002-12-31
; NUMBER OF SEQ ID NOS: 64922
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 16380
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Forward Primer
PCT-US03-41766A-16380

Query Match 5.7%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 60;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 936 CAGAGATTTTACGACAGAG 958
Db 23 CAGAGACATTAAAGCAAAAGAG 1

RESULT 94
US-10-859-198-139974
; Sequence 139974, Application US/10859198
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Mounts, William
; APPLICANT: Murphy, Ellen
; APPLICANT: Whitely, Maryann
; TITLE OF INVENTION: Nucleic Acid Arrays for Detecting Multiple Strains of a Non-Viral

; TITLE OF INVENTION: Species
; FILE REFERENCE: 031896-014000 (AM101085)
; CURRENT APPLICATION NUMBER: US/10/859,198
; CURRENT FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 60/475,871
; PRIOR FILING DATE: 2003-06-05
; NUMBER OF SEQ ID NOS: 282011
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 139974
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Probe sequence
US-10-859-198-139974

Query Match 5.7%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 60;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 941 AATTTTACGCAAGAGCCCAA 963
Db 3 ACTTTTACACAGAGCGCCCAA 25

RESULT 95
US-10-859-198-252805
; Sequence 252805, Application US/10859198
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Mounts, William
; APPLICANT: Murphy, Ellen
; APPLICANT: Whitely, Maryann
; TITLE OF INVENTION: Nucleic Acid Arrays for Detecting Multiple Strains of a Non-Viral
; FILE REFERENCE: 031896-014000 (AM101085)
; CURRENT APPLICATION NUMBER: US/10/859,198
; CURRENT FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 60/475,871
; PRIOR FILING DATE: 2003-06-05
; NUMBER OF SEQ ID NOS: 282011
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 252805
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Probe sequence
US-10-859-198-252805

Query Match 5.7%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 60;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 867 TTGGAACACTTCTCGAGATGCA 889
Db 2 TTGGAATACCTTACCTCAGTTGCA 24

RESULT 96
US-60-545-213-182226/c
; Sequence 182226, Application US/60545213
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Mounts, William Martin
; TITLE OF INVENTION: Nucleic Acid Arrays for Monitoring Expression Profiles of Drug
; FILE REFERENCE: AM101083 (031896-042099)
; CURRENT APPLICATION NUMBER: US/60/545,213
; CURRENT FILING DATE: 2004-02-18
; NUMBER OF SEQ ID NOS: 303284
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 182226
; LENGTH: 25
; TYPE: DNA
; ORGANISM: probe
US-60-545-213-182226

```

Query Match          5.7%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 60;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 908 CGATCAGATTATCATCACCACCA 930
Db 24 CCAGCAGATGATCAACACCA 2

RESULT 97
US-60-545-213-220681/c
; Sequence 220681, Application US/60545213
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Mounts, William Martin
; TITLE OF INVENTION: Nucleic Acid Arrays for Monitoring Expression Profiles of Drug
; TITLE OF INVENTION: Target Genes
; FILE REFERENCE: AM101083 (031896-042099)
; CURRENT APPLICATION NUMBER: US/60/545,213
; CURRENT FILING DATE: 2004-02-18
; NUMBER OF SEQ ID NOS: 303284
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 220681
; LENGTH: 25
; TYPE: DNA
; ORGANISM: probe
US-60-545-213-220681

Query Match          5.7%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 60;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 764 GGCCTCCACTTCTCAGGGCACC 786
Db 23 GGCCTCCACTCTCAGGGATC 1

RESULT 98
PCT-US04-00035-20469/c
; Sequence 20469, Application PC/TUS0400035
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: PCT/US04/00035
; CURRENT FILING DATE: 2004-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20469
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi
PCT-US04-00035-20469

Query Match          5.7%; Score 16.4; DB 1; Length 21;
Best Local Similarity 94.4%; Pred. No. 50;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 915 ATTATCATCACCACACC 932
Db 20 ATTATCATCAGCACC 3

RESULT 99
PCT-US04-00035-21759/c
; Sequence 21759, Application PC/TUS0400035

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; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: PCT/US04/00035
; CURRENT FILING DATE: 2004-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 21759
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi
PCT-US04-00035-21759

Query Match          5.7%; Score 16.4; DB 1; Length 21;
Best Local Similarity 94.4%; Pred. No. 50;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 915 ATTATCATCACCACACC 932
Db 20 ATTATCATCAGCACC 3

RESULT 100
PCT-US04-00035-25128
; Sequence 25128, Application PC/TUS0400035
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: PCT/US04/00035
; CURRENT FILING DATE: 2004-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 25128
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi
PCT-US04-00035-25128

Query Match          5.6%; Score 16.2; DB 1; Length 21;
Best Local Similarity 61.9%; Pred. No. 55;
Matches 13; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

Qy 867 TTGGAACACTTCTCTGAGATG 887
Db 1 UUGGACACUUCAGAGAGAG 21

RESULT 101
US-10-770-726-20463
; Sequence 20463, Application US/10770726
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING, PREVENTING, AND TREATING
; FILE REFERENCE: AM101079 (031896-010000)
; CURRENT APPLICATION NUMBER: US/10/770,726
; CURRENT FILING DATE: 2004-02-04

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; NUMBER OF SEQ ID NOS: 48640
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20463
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNai
US-10-770-726--20463

Query Match          5.5%; Score 16; DB 1; Length 21;
Best Local Similarity 68.8%; Pred. No. 61;
Matches 11; Conservative 5; Mismatches 0; Indels 0; Gaps 0;

QY      863 CCAGTTGGAACTTT 878
Db      6 CCAGUUGGACACUUU 21

RESULT 102
US-10-708-951-24150
; Sequence 24150, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; TITLE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 24150
; LENGTH: 24
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-24150

Query Match          5.5%; Score 16; DB 1; Length 24;
Best Local Similarity 66.7%; Pred. No. 75;
Matches 16; Conservative 3; Mismatches 5; Indels 0; Gaps 0;

QY      737 GGACTTGGTAGGTCCAGGGTCC 760
Db      1 GGACUUGGGCGGACACAGGCUCC 24

RESULT 103
US-10-708-951-27624
; Sequence 27624, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; TITLE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 27624
; LENGTH: 24
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-27624

Query Match          5.5%; Score 16; DB 1; Length 24;
Best Local Similarity 66.7%; Pred. No. 75;
Matches 16; Conservative 3; Mismatches 5; Indels 0; Gaps 0;

QY      737 GGACTTGGTAGGTCCAGGGTCC 760
Db      1 GGACUUGGGCGGACACAGGCUCC 24

RESULT 104
US-10-708-951-33801
; Sequence 33801, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; TITLE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 33801
; LENGTH: 24
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-33801

Query Match          5.5%; Score 16; DB 1; Length 24;
Best Local Similarity 66.7%; Pred. No. 75;
Matches 16; Conservative 3; Mismatches 5; Indels 0; Gaps 0;

QY      737 GGACTTGGTAGGTCCAGGGTCC 760
Db      1 GGACUUGGGCGGACACAGGCUCC 24

RESULT 105
US-10-708-951-51271
; Sequence 51271, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; TITLE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 51271
; LENGTH: 24
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-51271

Query Match          5.5%; Score 16; DB 1; Length 24;
Best Local Similarity 66.7%; Pred. No. 75;
Matches 16; Conservative 3; Mismatches 5; Indels 0; Gaps 0;

QY      737 GGACTTGGTAGGTCCAGGGTCC 760
Db      1 GGACUUGGGCGGACACAGGCUCC 24

RESULT 106
PCT-US04-00035-21318
; Sequence 21318, Application PC/TUS0400035
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; TITLE OF INVENTION: CANCERS
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: PCT/US04/00035
; CURRENT FILING DATE: 2004-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 21318
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNai
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; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; TITLE OF INVENTION: CANCERS
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: PCT/US04/00035
; PRIOR FILING DATE: 2004-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 14101
; LENGTH: 21
; TYPE: DNA
; ORGANISM: homo sapiens
PCT-US04-00035-14101

Query Match      5.2%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 89;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      732 TCATAGGACTTGGTAGGTC 751
Db      20 TCATTAGGACTTGGTAATTC 1

RESULT 118
PCT-US04-00035-45443
; Sequence 45443, Application PC/TUS0400035
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; TITLE OF INVENTION: CANCERS
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: PCT/US04/00035
; CURRENT FILING DATE: 2004-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 45443
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAI
PCT-US04-00035-45443

Query Match      5.2%; Score 15.2; DB 1; Length 21;
Best Local Similarity 65.0%; Pred. No. 89;
Matches 13; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

Qy      927 ACCACCTCCAGAAATTTT 946
Db      1 ACCAGCCAACAGAGAAUUU 20

RESULT 119
US-10-770-726-3677/c
; Sequence 3677, Application US/10770726
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING, PREVENTING, AND TREATING
; TITLE OF INVENTION: CANCERS
; FILE REFERENCE: AM101079 (031896-010000)
; CURRENT APPLICATION NUMBER: US/10/770,726
; CURRENT FILING DATE: 2004-02-04
; NUMBER OF SEQ ID NOS: 48640
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 3677
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; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-770-726-3677

Query Match      5.2%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 89;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      731 GTCATAGGACTTGGTAGGTT 750
Db      21 GTCATAGTACTTGGCAAGGT 2

RESULT 120
US-10-770-726-19112/c
; Sequence 19112, Application US/10770726
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING, PREVENTING, AND TREATING
; TITLE OF INVENTION: CANCERS
; FILE REFERENCE: AM101079 (031896-010000)
; CURRENT APPLICATION NUMBER: US/10/770,726
; CURRENT FILING DATE: 2004-02-04
; NUMBER OF SEQ ID NOS: 48640
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 19112
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-770-726-19112

Query Match      5.2%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 89;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      857 CTGGCTCCAGTTGGACACT 876
Db      21 CTGGCTGCAGTTGACACT 2

RESULT 121
US-10-847-918-3964
; Sequence 3964, Application US/10847918
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Be, Xiaobing
; APPLICANT: Liu, Wei
; APPLICANT: Slonim, Donna
; APPLICANT: Howes, Steve
; TITLE OF INVENTION: Compositions and Methods for Diagnosing and Treating Cancers
; FILE REFERENCE: 031896-026000 (AM101264)
; CURRENT APPLICATION NUMBER: US/10/847,918
; CURRENT FILING DATE: 2004-05-19
; PRIOR APPLICATION NUMBER: US 60/471,729
; PRIOR FILING DATE: 2003-05-20
; NUMBER OF SEQ ID NOS: 14937
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 3964
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-847-918-3964

Query Match      5.2%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 89;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      849 ACAGCGTCCTGGCTCCAGTT 869
Db      2 ACTGGCTCTGGTTCCTGTT 21
```

```
RESULT 122
US-10-847-918-3966/c
; Sequence 3966, Application US/10847918
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Be, Xiaobing
; APPLICANT: Liu, Wei
; APPLICANT: Slonim, Donna
; APPLICANT: Howes, Steve
; TITLE OF INVENTION: Compositions and Methods for Diagnosing and Treating Cancers
; FILE REFERENCE: 031896-026000 (AM101264)
; CURRENT APPLICATION NUMBER: US/10/847,918
; CURRENT FILING DATE: 2004-05-19
; PRIOR APPLICATION NUMBER: US 60/471,729
; PRIOR FILING DATE: 2003-05-20
; NUMBER OF SEQ ID NOS: 14937
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 3966
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-antisense strand
US-10-847-918-3966

Query Match          5.2%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 89;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      849 ACAGCGTCCTGGTCCAGTT 868
Db      20 ACTGCGTCCGTGTTCTGTT 1

RESULT 123
US-10-847-918-4973
; Sequence 4973, Application US/10847918
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Be, Xiaobing
; APPLICANT: Liu, Wei
; APPLICANT: Slonim, Donna
; APPLICANT: Howes, Steve
; TITLE OF INVENTION: Compositions and Methods for Diagnosing and Treating Cancers
; FILE REFERENCE: 031896-026000 (AM101264)
; CURRENT APPLICATION NUMBER: US/10/847,918
; CURRENT FILING DATE: 2004-05-19
; PRIOR APPLICATION NUMBER: US 60/471,729
; PRIOR FILING DATE: 2003-05-20
; NUMBER OF SEQ ID NOS: 14937
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 4973
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-sense strand
US-10-847-918-4973

Query Match          5.2%; Score 15.2; DB 1; Length 21;
Best Local Similarity 60.0%; Pred. No. 89;
Matches 12; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

QY      849 ACAGCGTCCTGGTCCAGTT 868
Db      2 ACUGCGUCCUGGUCCUGU 21

RESULT 124
US-60-546-434-64/c
; Sequence 64, Application US/60546434
; GENERAL INFORMATION:
; APPLICANT: Watson, James
; APPLICANT: Murison, J. Greg
; APPLICANT: Grigor, Murray
; APPLICANT: Havukkala, Ilkka
; TITLE OF INVENTION: Targeted Delivery of RNA Interference
; FILE REFERENCE: 11000.1100P
; CURRENT APPLICATION NUMBER: US/60/546,434
; CURRENT FILING DATE: 2004-02-20
; NUMBER OF SEQ ID NOS: 924
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 64
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Human
US-60-546-434-64

Query Match          5.2%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 89;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      818 GGGTTGGCTGTGTCCTTTT 837
Db      20 GGGTTGGAGGTGGCTCTTTT 1

RESULT 125
PCT-US03-41761-14540
; Sequence 14540, Application PC/TUS0341761
; GENERAL INFORMATION:
; APPLICANT: MMI GENOMICS, INC.
; APPLICANT: DENISE, Sue K.
; APPLICANT: CHARTERIS, Paul
; APPLICANT: ROSENFELD, David
; APPLICANT: HOLM, Tom
; APPLICANT: BATES, Stephen
; TITLE OF INVENTION: COMPOSITIONS, METHODS, AND SYSTEMS FOR INFERRING BOVINE BREED
; FILE REFERENCE: MM1150W0
; CURRENT APPLICATION NUMBER: PCT/US03/41761
; CURRENT FILING DATE: 2003-12-31
; PRIOR APPLICATION NUMBER: US 60/437,482
; PRIOR FILING DATE: 2002-12-31
; NUMBER OF SEQ ID NOS: 64922
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 14540
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Reverse Primer
PCT-US03-41761-14540

Query Match          5.2%; Score 15.2; DB 1; Length 22;
Best Local Similarity 85.0%; Pred. No. 96;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      951 AAGAGAGCCCAATTGACTC 970
Db      1 AAAAGAGCCCAAGTGAGTC 20

RESULT 126
PCT-US03-41761-18048/c
; Sequence 18048, Application PC/TUS0341761
; GENERAL INFORMATION:
; APPLICANT: MMI GENOMICS, INC.
; APPLICANT: DENISE, Sue K.
; APPLICANT: CHARTERIS, Paul
; APPLICANT: ROSENFELD, David
; APPLICANT: HOLM, Tom
; APPLICANT: BATES, Stephen
; TITLE OF INVENTION: COMPOSITIONS, METHODS, AND SYSTEMS FOR INFERRING BOVINE BREED
; FILE REFERENCE: MM1150W0
; CURRENT APPLICATION NUMBER: PCT/US03/41761
; CURRENT FILING DATE: 2003-12-31
; PRIOR APPLICATION NUMBER: US 60/437,482
```

; PRIOR FILING DATE: 2002-12-31
 ; NUMBER OF SEQ ID NOS: 64922
 ; SOFTWARE: PatentIn version 3.1
 ; SEQ ID NO 18048
 ; LENGTH: 22
 ; TYPE: DNA
 ; ORGANISM: Artificial sequence
 ; FEATURE:
 ; OTHER INFORMATION: Forward Primer
 PCT-US03-41761-18048

Query Match 5.2%; Score 15.2; DB 1; Length 22;
 Best Local Similarity 85.0%; Pred. No. 96;
 Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 828 TGTCTCTTTCTCTCTGAA 847
 ||||| ||||| ||||| |||||
 Db 21 TGTCTCGTTCTCTCTGAA 2

RESULT 127
 PCT-US03-41766A-14540
 ; Sequence 14540, Application PC/TUS0341766A
 ; GENERAL INFORMATION:
 ; APPLICANT: MMI GENOMICS, INC.
 ; APPLICANT: DENISE, Sue K.
 ; APPLICANT: KERR, Richard
 ; APPLICANT: ROSENFELD, David
 ; APPLICANT: HOLM, Tom
 ; APPLICANT: BATES, Stephen
 ; APPLICANT: FANTIN, Dennis

; TITLE OF INVENTION: COMPOSITIONS, METHODS AND SYSTEMS FOR INFERRING BOVINE TRAITS
 ; FILE REFERENCE: MM1100W0
 ; CURRENT APPLICATION NUMBER: PCT/US03/41766A
 ; CURRENT FILING DATE: 2003-12-31
 ; PRIOR APPLICATION NUMBER: US 60/437,482
 ; PRIOR FILING DATE: 2002-12-31
 ; NUMBER OF SEQ ID NOS: 64922
 ; SOFTWARE: PatentIn version 3.1
 ; SEQ ID NO 14540
 ; LENGTH: 22
 ; TYPE: DNA
 ; ORGANISM: Artificial sequence
 ; FEATURE:
 ; OTHER INFORMATION: Reverse Primer
 PCT-US03-41766A-14540

Query Match 5.2%; Score 15.2; DB 1; Length 22;
 Best Local Similarity 85.0%; Pred. No. 96;
 Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 951 AAGAGAGCCAAATTGACTC 970
 ||||| ||||| ||||| |||||
 Db 1 AAAAGAGCCAAAGTGACTC 20

RESULT 128
 PCT-US03-41766A-18048/c
 ; Sequence 18048, Application PC/TUS0341766A
 ; GENERAL INFORMATION:
 ; APPLICANT: MMI GENOMICS, INC.
 ; APPLICANT: DENISE, Sue K.
 ; APPLICANT: KERR, Richard
 ; APPLICANT: ROSENFELD, David
 ; APPLICANT: HOLM, Tom
 ; APPLICANT: BATES, Stephen
 ; APPLICANT: FANTIN, Dennis

; TITLE OF INVENTION: COMPOSITIONS, METHODS AND SYSTEMS FOR INFERRING BOVINE TRAITS
 ; FILE REFERENCE: MM1100W0
 ; CURRENT APPLICATION NUMBER: PCT/US03/41766A
 ; CURRENT FILING DATE: 2003-12-31
 ; PRIOR APPLICATION NUMBER: US 60/437,482
 ; PRIOR FILING DATE: 2002-12-31

; NUMBER OF SEQ ID NOS: 64922
 ; SOFTWARE: PatentIn version 3.1
 ; SEQ ID NO 18048
 ; LENGTH: 22
 ; TYPE: DNA
 ; ORGANISM: Artificial sequence
 ; FEATURE:
 ; OTHER INFORMATION: Forward Primer
 PCT-US03-41766A-18048

Query Match 5.2%; Score 15.2; DB 1; Length 22;
 Best Local Similarity 85.0%; Pred. No. 96;
 Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 828 TGTCTCTTTCTCTCTGAA 847
 ||||| ||||| ||||| |||||
 Db 21 TGTCTCGTTCTCTCTGAA 2

RESULT 129
 US-10-021-698A-4788
 ; Sequence 4788, Application US/10021698A
 ; GENERAL INFORMATION:
 ; APPLICANT: KEITH, TIM
 ; APPLICANT: LITTLE, RANDALL
 ; APPLICANT: VAN EERDEWEGH, PAUL
 ; APPLICANT: DUPUIS, JOSEF
 ; APPLICANT: DEL MASTRO, RICHARD
 ; APPLICANT: SIMON, JASON
 ; APPLICANT: ALLEN, KRISTINA
 ; APPLICANT: PANDIT, SUNIL

; TITLE OF INVENTION: NUCLEOTIDE AND AMINO ACID SEQUENCES RELATING TO
 ; FILE REFERENCE: 2976-4044US1
 ; CURRENT APPLICATION NUMBER: US/10/021,698A
 ; CURRENT FILING DATE: 2001-10-22
 ; PRIOR APPLICATION NUMBER: 60/211,749
 ; PRIOR FILING DATE: 2000-06-14
 ; NUMBER OF SEQ ID NOS: 6160
 ; SOFTWARE: PatentIn 2.1
 ; SEQ ID NO 4788
 ; LENGTH: 22
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Description of Artificial Sequence: Primer
 US-10-021-698A-4788

Query Match 5.2%; Score 15.2; DB 1; Length 22;
 Best Local Similarity 85.0%; Pred. No. 96;
 Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 872 ACACCTTCTCTGAGATGCACT 891
 ||||| ||||| ||||| |||||
 Db 3 ACAGTTCTCTTGATGCACT 22

RESULT 130
 US-10-708-204-4175
 ; Sequence 4175, Application US/10708204
 ; GENERAL INFORMATION:
 ; APPLICANT: ROSETTA GENOMICS LTD
 ; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY
 ; TITLE OF INVENTION: OLIGONUCLEOTIDES ASSOCIATED WITH ALZHEIMER'S DISEASE AND USES
 ; FILE REFERENCE: 55033
 ; CURRENT APPLICATION NUMBER: US/10/708,204
 ; CURRENT FILING DATE: 2004-02-16
 ; NUMBER OF SEQ ID NOS: 7351
 ; SOFTWARE: PatentIn version 3.2
 ; SEQ ID NO 4175
 ; LENGTH: 23
 ; TYPE: RNA

; ORGANISM: Homo Sapiens
US-10-708-204-4175
Query Match 5.2%; Score 15.2; DB 1; Length 23;
Best Local Similarity 35.0%; Pred. No. 1e+02;
Matches 7; Conservative 10; Mismatches 3; Indels 0; Gaps 0;
QY 828 TGCTCTTTCTCTCTGAA 847
Db 1 UCUCUCUUUCUUCACGGA 20
RESULT 131
US-10-770-726-21290
; Sequence 21290, Application US/10770726
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING, PREVENTING, AND TREATING
; FILE REFERENCE: AM101079 (031896-010000)
; CURRENT APPLICATION NUMBER: US/10/770,726
; CURRENT FILING DATE: 2004-02-04
; NUMBER OF SEQ ID NOS: 48640
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 21290
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-770-726-21290
Query Match 5.2%; Score 15; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 98;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 863 CCAGTTGGAACACTT 877
Db 3 CCAGTTGGAACACTT 17
RESULT 132
US-10-770-726-21291
; Sequence 21291, Application US/10770726
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING, PREVENTING, AND TREATING
; FILE REFERENCE: AM101079 (031896-010000)
; CURRENT APPLICATION NUMBER: US/10/770,726
; CURRENT FILING DATE: 2004-02-04
; NUMBER OF SEQ ID NOS: 48640
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 21291
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNA1
US-10-770-726-21291
Query Match 5.2%; Score 15; DB 1; Length 21;
Best Local Similarity 73.3%; Pred. No. 98;
Matches 11; Conservative 4; Mismatches 0; Indels 0; Gaps 0;
QY 863 CCAGTTGGAACACTT 877
Db 1 CCAGUGGAACACUU 15
RESULT 133
PCT-US03-05045A-188/c
; Sequence 188, Application PC/TUS0305045A

; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; APPLICANT: Pavco, Pamela
; APPLICANT: Fosnaugh, Kathy
; APPLICANT: Jamison, Sharon
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor
; FILE REFERENCE: 400/081 (MEHB 02-468-B)
; CURRENT APPLICATION NUMBER: PCT/US03/05045A
; CURRENT FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: US 10/251,117
; PRIOR FILING DATE: 2002-09-19
; PRIOR APPLICATION NUMBER: US 10/163,552
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 10/277,494
; PRIOR FILING DATE: 2002-10-21
; PRIOR APPLICATION NUMBER: US 09/916,466
; PRIOR FILING DATE: 2001-07-25
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/406,784
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 1263
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 188
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense r
PCT-US03-05045A-188
Query Match 5.1%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 92;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 764 GGCTCCACTTCTGAGGG 781
Db 18 GGCTTCCTTCAGAGG 1
RESULT 134
PCT-US03-05045A-437
; Sequence 437, Application PC/TUS0305045A
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; APPLICANT: Pavco, Pamela
; APPLICANT: Fosnaugh, Kathy
; APPLICANT: Jamison, Sharon
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor
; FILE REFERENCE: 400/081 (MEHB 02-468-B)
; CURRENT APPLICATION NUMBER: PCT/US03/05045A
; CURRENT FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: US 10/251,117
; PRIOR FILING DATE: 2002-09-19
; PRIOR APPLICATION NUMBER: US 10/163,552
; PRIOR FILING DATE: 2002-06-06

; Sequence 125, Application PC/TUS0417490
; GENERAL INFORMATION:
; APPLICANT: Isis Pharmaceuticals, Inc.
; TITLE OF INVENTION: MODULATION OF SURVIVIN EXPRESSION
; FILE REFERENCE: ISIS0134-500WO (BIOL0042WO)
; CURRENT APPLICATION NUMBER: PCT/US04/17490
; CURRENT FILING DATE: 2004-06-10
; NUMBER OF SEQ ID NOS: 233
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 125
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligomeric Compound
PCT-US04-17490-125

Query Match 5.1%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 92;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 781 GCAGCCCTCTGGTGCCA 798
Db 19 GAAGCACCTCTGGTGCCA 2

RESULT 138
PCT-US04-17490-126
; Sequence 126, Application PC/TUS0417490
; GENERAL INFORMATION:
; APPLICANT: Isis Pharmaceuticals, Inc.
; TITLE OF INVENTION: MODULATION OF SURVIVIN EXPRESSION
; FILE REFERENCE: ISIS0134-500WO (BIOL0042WO)
; CURRENT APPLICATION NUMBER: PCT/US04/17490
; CURRENT FILING DATE: 2004-06-10
; NUMBER OF SEQ ID NOS: 233
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 126
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligomeric Compound
PCT-US04-17490-126

Query Match 5.1%; Score 14.8; DB 1; Length 19;
Best Local Similarity 72.2%; Pred. No. 92;
Matches 13; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

Qy 781 GCAGCCCTCTGGTGCCA 798
Db 1 GAAGCACCTCTGGTGCCA 18

RESULT 139
PCT-US04-17490-27
; Sequence 27, Application PC/TUS0417490
; GENERAL INFORMATION:
; APPLICANT: Isis Pharmaceuticals, Inc.
; TITLE OF INVENTION: MODULATION OF SURVIVIN EXPRESSION
; FILE REFERENCE: ISIS0134-500WO (BIOL0042WO)
; CURRENT APPLICATION NUMBER: PCT/US04/17490
; CURRENT FILING DATE: 2004-06-10
; NUMBER OF SEQ ID NOS: 233
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 27
; LENGTH: 20
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:

; OTHER INFORMATION: Oligomeric Compound
PCT-US04-17490-27

Query Match 5.1%; Score 14.8; DB 1; Length 20;
Best Local Similarity 72.2%; Pred. No. 1e+02;
Matches 13; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

Qy 781 GCAGCCCTCTGGTGCCA 798
Db 2 GAAGCACCTCTGGTGCCA 19

RESULT 140
PCT-US04-17490-28/c
; Sequence 28, Application PC/TUS0417490
; GENERAL INFORMATION:
; APPLICANT: Isis Pharmaceuticals, Inc.
; APPLICANT: Eli Lilly Company
; TITLE OF INVENTION: MODULATION OF SURVIVIN EXPRESSION
; FILE REFERENCE: ISIS0134-500WO (BIOL0042WO)
; CURRENT APPLICATION NUMBER: PCT/US04/17490
; CURRENT FILING DATE: 2004-06-10
; NUMBER OF SEQ ID NOS: 233
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 28
; LENGTH: 20
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligomeric Compound
PCT-US04-17490-28

Query Match 5.1%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 781 GCAGCCCTCTGGTGCCA 798
Db 19 GAAGCACCTCTGGTGCCA 2

RESULT 141
US-10-770-726-13681/c
; Sequence 13681, Application US/10770726
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING, PREVENTING, AND TREATING
; FILE REFERENCE: AM101079 (031896-010000)
; CURRENT APPLICATION NUMBER: US/10/770,726
; CURRENT FILING DATE: 2004-02-04
; NUMBER OF SEQ ID NOS: 48640
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 13681
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi
US-10-770-726-13681

Query Match 5.1%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 1.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 763 AGCCTCCACTTCTGAGG 780
Db 21 AGACCTCAACTTCTGAGG 4

RESULT 142
US-10-770-726-13684/c
; Sequence 13684, Application US/10770726

```
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING, PREVENTING, AND TREATING
; FILE REFERENCE: AM101079 (031896-010000)
; CURRENT APPLICATION NUMBER: US/10/770,726
; CURRENT FILING DATE: 2004-02-04
; NUMBER OF SEQ ID NOS: 48640
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 13684
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi
US-10-770-726-13684

Query Match      5.1%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 1.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      763 AGGCTCCACTTCTGAGG 780
Db      20 AGACTCAACTTCTGAGG 3

RESULT 143
PCT-US04-00035-26860/c
; Sequence 26860, Application PC/TUS0400035
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: PCT/US04/00035
; CURRENT FILING DATE: 2004-01-06
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 26860
; LENGTH: 21
; TYPE: DNA
; ORGANISM: homo sapiens
PCT-US04-00035-26860
```

```
Query Match      5.0%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 1.2e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      857 CTGGCTCCAGTTGGAACACTT 877
Db      21 CTGGCTCCAGTTGGAACACTT 1

RESULT 144
PCT-US04-00035-35912
; Sequence 35912, Application PC/TUS0400035
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: PCT/US04/00035
; CURRENT FILING DATE: 2004-01-06
; PRIOR FILING DATE: 2004-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 35912
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi
PCT-US04-00035-35912
```

```
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 35912
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi
PCT-US04-00035-35912

Query Match      5.0%; Score 14.6; DB 1; Length 21;
Best Local Similarity 42.9%; Pred. No. 1.2e+02;
Matches 9; Conservative 8; Mismatches 4; Indels 0; Gaps 0;

QY      876 TTTCCTGAGATCGACTTACTT 896
Db      1 UUUCCUGAGAUCCUCUGGCUU 21

RESULT 145
PCT-US04-00035-40983
; Sequence 40983, Application PC/TUS0400035
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: PCT/US04/00035
; CURRENT FILING DATE: 2004-01-06
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 40983
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi
PCT-US04-00035-40983

Query Match      5.0%; Score 14.6; DB 1; Length 21;
Best Local Similarity 47.6%; Pred. No. 1.2e+02;
Matches 10; Conservative 7; Mismatches 4; Indels 0; Gaps 0;

QY      835 TTTCCTCTGAGACAGCGGT 855
Db      1 UUUUACUCUCAAGACGUGCU 21
```

```
RESULT 146
PCT-US04-00035-41325
; Sequence 41325, Application PC/TUS0400035
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: PCT/US04/00035
; CURRENT FILING DATE: 2004-01-06
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 41325
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi
PCT-US04-00035-41325
```



```
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 798 AAGAGCTCTCTCCAACTCAG 818
    |||||
Db 21 AAAAGCTCTCTCCACTACAG 1

RESULT 152
US-10-726-27332/c
; Sequence 27332, Application US/10770726
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING, PREVENTING, AND TREATING
; FILE REFERENCE: AM101079 (031896-010000)
; CURRENT APPLICATION NUMBER: US/10/770,726
; CURRENT FILING DATE: 2004-02-04
; NUMBER OF SEQ ID NOS: 48640
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 27332
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-770-726-27332

Query Match 5.0%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 1.2e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 887 GCATTACTTCTCAGCTTCTG 907
    |||||
Db 21 GCATCTGTTCTCAGCTTCTG 1

RESULT 153
US-10-786-720-13733
; Sequence 13733, Application US/10786720
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 13733
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNai-sense strand
US-10-786-720-13733

Query Match 5.0%; Score 14.6; DB 1; Length 21;
Best Local Similarity 66.7%; Pred. No. 1.2e+02;
Matches 14; Conservative 3; Mismatches 4; Indels 0; Gaps 0;

QY 925 CCACACCCCTCCAGAGATT 945
    |||||
Db 1 CCACCACCCAGCAGACAUUU 21

RESULT 154
US-10-786-720-14036
; Sequence 14036, Application US/10786720
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
```

```
; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 14036
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNai-sense strand
US-10-786-720-14036

Query Match 5.0%; Score 14.6; DB 1; Length 21;
Best Local Similarity 71.4%; Pred. No. 1.2e+02;
Matches 15; Conservative 2; Mismatches 4; Indels 0; Gaps 0;

QY 924 ACCACACCCCTCCAGAGATT 944
    |||||
Db 1 ACCACACCCAGCAGACAUUU 21

RESULT 155
US-10-847-918-4974/c
; Sequence 4974, Application US/10847918
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Be, Xiaobing
; APPLICANT: Liu, Wei
; APPLICANT: Slonim, Donna
; APPLICANT: Howes, Steve
; TITLE OF INVENTION: Compositions and Methods for Diagnosing and Treating Cancers
; FILE REFERENCE: 031896-026000 (AM101264)
; CURRENT APPLICATION NUMBER: US/10/847,918
; CURRENT FILING DATE: 2004-05-19
; PRIOR APPLICATION NUMBER: US 60/471,729
; PRIOR FILING DATE: 2003-05-20
; NUMBER OF SEQ ID NOS: 14937
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 4974
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNai-antisense strand
US-10-847-918-4974

Query Match 5.0%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 1.2e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 846 AAGACAGCGTCTCTGCTCCAG 866
    |||||
Db 21 AACACTGCGTCTCTGTTCTG 1

RESULT 156
PCT-US03-41761-16520/c
; Sequence 16520, Application PC/TUS0341761
; GENERAL INFORMATION:
; APPLICANT: MMI GENOMICS, INC.
; APPLICANT: Denise, Sue K.
; APPLICANT: CHARTERIS, Paul
; APPLICANT: ROSENFELD, David
; APPLICANT: HOLM, Tom
; APPLICANT: BATES, Stephen
; TITLE OF INVENTION: COMPOSITIONS, METHODS, AND SYSTEMS FOR INFERRING BOVINE BREED
; FILE REFERENCE: MM1150W0
; CURRENT APPLICATION NUMBER: PCT/US03/41761
; CURRENT FILING DATE: 2003-12-31
; PRIOR APPLICATION NUMBER: US 60/437,482
; PRIOR FILING DATE: 2002-12-31
; NUMBER OF SEQ ID NOS: 64922
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 16520
; LENGTH: 22
```

; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Forward Primer
PCT-US03-41761-16520

Query Match 5.0%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1.3e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 826 TGTGCTCTTTCTCTCTGA 846
|||||
Db 21 TGTGCTCTCTCTCTCTGA 1

RESULT 157

PCT-US03-41766A-16520/c
; Sequence 16520, Application PC/TUS0341766A
; GENERAL INFORMATION:
; APPLICANT: MMI GENOMICS, INC.
; APPLICANT: DENISE, Sue K.
; APPLICANT: KERR, Richard
; APPLICANT: ROSENFELD, David
; APPLICANT: HOLM, Tom
; APPLICANT: BATES, Stephen
; APPLICANT: FANTIN, Dennis
; TITLE OF INVENTION: COMPOSITIONS, METHODS AND SYSTEMS FOR INFERRING BOVINE TRAITS
; FILE REFERENCE: MM1100W0
; CURRENT APPLICATION NUMBER: PCT/US03/41766A
; CURRENT FILING DATE: 2003-12-31
; PRIOR APPLICATION NUMBER: US 60/437,482
; PRIOR FILING DATE: 2002-12-31
; NUMBER OF SEQ ID NOS: 64922
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 16520
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Forward Primer
PCT-US03-41766A-16520

Query Match 5.0%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1.3e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 826 TGTGCTCTTTCTCTCTGA 846
|||||
Db 21 TGTGCTCTCTCTCTCTGA 1

RESULT 158

US-10-708-951-5652
; Sequence 5652, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; TITLE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 5652
; LENGTH: 22
; TYPE: RNA
; ORGANISM: Pseudomonas aeruginosa PA01
US-10-708-951-5652

Query Match 5.0%; Score 14.6; DB 1; Length 22;
Best Local Similarity 71.4%; Pred. No. 1.3e+02;
Matches 15; Conservative 2; Mismatches 4; Indels 0; Gaps 0;

QY 704 CCAGCGAGTCCAGGAGTG 724
|||||
Db 2 CCAGCGAGUCCUGGAGGUG 22

RESULT 159

US-10-708-951-14678
; Sequence 14678, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; TITLE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 14678
; LENGTH: 22
; TYPE: RNA
; ORGANISM: Pseudomonas aeruginosa PA01
US-10-708-951-14678

Query Match 5.0%; Score 14.6; DB 1; Length 22;
Best Local Similarity 71.4%; Pred. No. 1.3e+02;
Matches 15; Conservative 2; Mismatches 4; Indels 0; Gaps 0;

QY 704 CCAGCGAGTCCAGGAGTG 724
|||||
Db 2 CCAGCGAGUCCUGGAGGUG 22

RESULT 160

US-10-708-951-23086
; Sequence 23086, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; TITLE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 23086
; LENGTH: 22
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-23086

Query Match 5.0%; Score 14.6; DB 1; Length 22;
Best Local Similarity 71.4%; Pred. No. 1.3e+02;
Matches 15; Conservative 2; Mismatches 4; Indels 0; Gaps 0;

QY 736 AGGACTTGTTGGTCCAGG 756
|||||
Db 1 AGGACUUGGCGGACACAGG 21

RESULT 161

US-10-708-951-47726
; Sequence 47726, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; TITLE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 47726
; LENGTH: 22

; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-47726

Query Match 5.0%; Score 14.6; DB 1; Length 22;
Best Local Similarity 71.4%; Pred. No. 1.3e+02;
Matches 15; Conservative 2; Mismatches 4; Indels 0; Gaps 0;

QY 736 AGGACTTGGTAGGTCGCCAGG 756
|||:|||||
Db 1 AGGACUUGGGGGGACACAGG 21

RESULT 162
PCT-US04-00035-20472/c
; Sequence 20472, Application PC/TUS0400035
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: PCT/US04/00035
; CURRENT FILING DATE: 2004-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20472
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi
PCT-US04-00035-20472

Query Match 5.0%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 1.3e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 915 ATTATCATCACCA 930
|||:|||||
Db 17 ATTATCATCACGACCA 2

RESULT 163
PCT-US04-00035-21762/c
; Sequence 21762, Application PC/TUS0400035
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: PCT/US04/00035
; CURRENT FILING DATE: 2004-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 21762
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi
PCT-US04-00035-21762

Query Match 5.0%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 1.3e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 915 ATTATCATCACCA 930

Db 17 ATTATCATCACGACCA 2
|||:|||||

RESULT 164
PCT-US04-00035-22796
; Sequence 22796, Application PC/TUS0400035
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: PCT/US04/00035
; CURRENT FILING DATE: 2004-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 22796
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi
PCT-US04-00035-22796

Query Match 5.0%; Score 14.4; DB 1; Length 21;
Best Local Similarity 56.2%; Pred. No. 1.3e+02;
Matches 9; Conservative 6; Mismatches 1; Indels 0; Gaps 0;

QY 727 TCTGGTCATAGGACTT 742
|||:|||||
Db 6 UCUGCUCUAGGACUU 21

RESULT 165
PCT-US04-05655-232
; Sequence 232, Application PC/TUS0405655
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023001 (AM101331L)
; CURRENT APPLICATION NUMBER: PCT/US04/05655
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 232
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
PCT-US04-05655-232

Query Match 5.0%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 1.3e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 952 AGAAGAGCCAAATTC 967
|||:|||||
Db 2 AGGAGAGCCAAATTC 17

RESULT 166
PCT-US04-05655-325
; Sequence 325, Application PC/TUS0405655
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE

; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023001 (AM101331L)
; CURRENT APPLICATION NUMBER: PCT/US04/05655
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 325
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
PCT-US04-05655-325

Query Match 5.0%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 1.3e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 952 AGAAGAGCCAAATTGA 967
||| ||||| ||||| |||||
Db 4 AGGAGAGCCAAATTGA 19

RESULT 167

PCT-US04-05655-326
; Sequence 326, Application PC/TUS0405655
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023001 (AM101331L)
; CURRENT APPLICATION NUMBER: PCT/US04/05655
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 326
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-sense strand
PCT-US04-05655-326

Query Match 5.0%; Score 14.4; DB 1; Length 21;
Best Local Similarity 81.2%; Pred. No. 1.3e+02;
Matches 13; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 952 AGAAGAGCCAAATTGA 967
||| ||||| ||||| |||||
Db 2 AGGAGAGCCAAAUUGA 17

RESULT 168

PCT-US04-05655-327/c
; Sequence 327, Application PC/TUS0405655
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023001 (AM101331L)
; CURRENT APPLICATION NUMBER: PCT/US04/05655
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 327
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-antisense strand
PCT-US04-05655-327

Query Match 5.0%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 1.3e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 952 AGAAGAGCCAAATTGA 967
||| ||||| ||||| |||||
Db 18 AGGAGAGCCAAATTGA 3

RESULT 169

US-10-786-720-232
; Sequence 322, Application US/10786720
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 232
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-232

Query Match 5.0%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 1.3e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 952 AGAAGAGCCAAATTGA 967
||| ||||| ||||| |||||
Db 2 AGGAGAGCCAAATTGA 17

RESULT 170

US-10-786-720-325
; Sequence 325, Application US/10786720
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 325
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-325

Query Match 5.0%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 1.3e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 952 AGAAGAGCCAAATTGA 967
||| ||||| ||||| |||||
Db 4 AGGAGAGCCAAATTGA 19

RESULT 171

US-10-786-720-326
; Sequence 326, Application US/10786720
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE


```

; APPLICANT: Rosanne M. Crooke
; APPLICANT: Mark J. Graham
; TITLE OF INVENTION: MODULATION OF C-REACTIVE PROTEIN EXPRESSION
; FILE REFERENCE: BIOL0014W0
; CURRENT APPLICATION NUMBER: PCT/US04/15576
; CURRENT FILING DATE: 2004-06-04
; PRIOR APPLICATION NUMBER: US 60/475,272
; PRIOR FILING DATE: 2003-06-02
; PRIOR APPLICATION NUMBER: US 60/540,042
; PRIOR FILING DATE: 2004-01-28
; PRIOR APPLICATION NUMBER: US
; PRIOR FILING DATE: 2004-06-01
; NUMBER OF SEQ ID NOS: 627
; SEQ ID NO 374
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
PCT-US04-15576-374

Query Match          4.9%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      890 CTTACTTCTCAGCTTCTGC 908
Db      20 CTTCTTCTCAGCTTCTGC 2

RESULT 179
US-10-770-970-346/c
; Sequence 346, Application US/10770970
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda
; APPLICANT: Bennett, C. Frank
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TUMOR NECROSIS FACTOR-? (?)
; FILE REFERENCE: ISPH-0826
; CURRENT APPLICATION NUMBER: US/10/770,970
; CURRENT FILING DATE: 2004-02-02
; PRIOR APPLICATION NUMBER: US 10/647,918
; PRIOR FILING DATE: 2003-08-26
; PRIOR APPLICATION NUMBER: US 10/652,795
; PRIOR FILING DATE: 2003-08-29
; NUMBER OF SEQ ID NOS: 566
; SEQ ID NO 346
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-770-970-346

Query Match          4.9%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      939 AGAATTTTACGCAAGA 957
Db      19 AGAACTTTAAGCAACA 1

RESULT 180
US-10-770-970-540/c
; Sequence 540, Application US/10770970
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda
; APPLICANT: Bennett, C. Frank
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TUMOR NECROSIS FACTOR-? (?)
; FILE REFERENCE: ISPH-0826
; CURRENT APPLICATION NUMBER: US/10/770,970
; CURRENT FILING DATE: 2004-02-02
;

; APPLICANT: Rosanne M. Crooke
; APPLICANT: Mark J. Graham
; TITLE OF INVENTION: MODULATION OF C-REACTIVE PROTEIN EXPRESSION
; FILE REFERENCE: BIOL0014W0
; CURRENT APPLICATION NUMBER: PCT/US04/15576
; CURRENT FILING DATE: 2004-06-04
; PRIOR APPLICATION NUMBER: US 60/475,272
; PRIOR FILING DATE: 2003-06-02
; PRIOR APPLICATION NUMBER: US 60/540,042
; PRIOR FILING DATE: 2004-01-28
; PRIOR APPLICATION NUMBER: US
; PRIOR FILING DATE: 2004-06-01
; NUMBER OF SEQ ID NOS: 627
; SEQ ID NO 374
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
PCT-US04-15576-374

Query Match          4.9%; Score 14.2; DB 1; Length 19;
Best Local Similarity 63.2%; Pred. No. 1.2e+02;
Matches 12; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

QY      793 GTGCCAAGAGCTCTCTCC 811
Db      1 GUGCAGGAGCUCUCCUCC 19

RESULT 177
PCT-US04-15576-197
; Sequence 197, Application PC/TUS0415576
; GENERAL INFORMATION:
; APPLICANT: Isis Pharmaceuticals Inc.
; APPLICANT: Rosanne M. Crooke
; APPLICANT: Mark J. Graham
; TITLE OF INVENTION: MODULATION OF C-REACTIVE PROTEIN EXPRESSION
; FILE REFERENCE: BIOL0014W0
; CURRENT APPLICATION NUMBER: PCT/US04/15576
; CURRENT FILING DATE: 2004-06-04
; PRIOR APPLICATION NUMBER: US 60/475,272
; PRIOR FILING DATE: 2003-06-02
; PRIOR APPLICATION NUMBER: US 60/540,042
; PRIOR FILING DATE: 2004-01-28
; PRIOR APPLICATION NUMBER: US
; PRIOR FILING DATE: 2004-06-01
; NUMBER OF SEQ ID NOS: 627
; SEQ ID NO 197
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
PCT-US04-15576-197

Query Match          4.9%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      890 CTTACTTCTCAGCTTCTGC 908
Db      1 CTTCTTCTCAGCTTCTGC 19

RESULT 178
PCT-US04-15576-374/c
; Sequence 374, Application PC/TUS0415576
; GENERAL INFORMATION:
; APPLICANT: Isis Pharmaceuticals Inc.
```

; PRIOR APPLICATION NUMBER: US 10/647,918
; PRIOR FILING DATE: 2003-08-26
; PRIOR APPLICATION NUMBER: US 10/652,795
; PRIOR FILING DATE: 2003-08-29
; NUMBER OF SEQ ID NOS: 566
; SEQ ID NO 540
; LENGTH: 20
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-770-970-540

Query Match 4.9%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 939 AGAATTTTACGACAGAGA 957
Db 19 AGAATTTTACGACAGAGA 1

RESULT 181
US-10-858-500-197
; Sequence 197, Application US/10858500
; GENERAL INFORMATION:
; APPLICANT: Rosanne M. Crooke
; APPLICANT: Mark J. Graham
; TITLE OF INVENTION: MODULATION OF C-REACTIVE PROTEIN EXPRESSION
; FILE REFERENCE: BIOL0014US
; CURRENT APPLICATION NUMBER: US/10/858,500
; CURRENT FILING DATE: 2004-06-01
; PRIOR APPLICATION NUMBER: US 09/912,724
; PRIOR FILING DATE: 2001-07-25
; PRIOR APPLICATION NUMBER: US 60/475,272
; PRIOR FILING DATE: 2003-06-02
; PRIOR APPLICATION NUMBER: US 60/540,042
; PRIOR FILING DATE: 2004-01-28
; NUMBER OF SEQ ID NOS: 627
; SEQ ID NO 197
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-858-500-197

Query Match 4.9%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 890 CTTACTTCTCAGCTCTGCG 908
Db 1 CTTCTCTCTCAGCTCTGCG 19

RESULT 182
US-10-858-500-374/c
; Sequence 374, Application US/10858500
; GENERAL INFORMATION:
; APPLICANT: Rosanne M. Crooke
; APPLICANT: Mark J. Graham
; TITLE OF INVENTION: MODULATION OF C-REACTIVE PROTEIN EXPRESSION
; FILE REFERENCE: BIOL0014US
; CURRENT APPLICATION NUMBER: US/10/858,500
; CURRENT FILING DATE: 2004-06-01
; PRIOR APPLICATION NUMBER: US 09/912,724
; PRIOR FILING DATE: 2001-07-25
; PRIOR APPLICATION NUMBER: US 60/475,272
; PRIOR FILING DATE: 2003-06-02
; PRIOR APPLICATION NUMBER: US 60/540,042
; PRIOR FILING DATE: 2004-01-28
; NUMBER OF SEQ ID NOS: 627

; SEQ ID NO 374
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-858-500-374

Query Match 4.9%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 890 CTTACTTCTCAGCTCTGCG 908
Db 20 CTTCTCTCTCAGCTCTGCG 2

RESULT 183
PCT-US04-00035-2537
; Sequence 2537, Application PC/TUS0400035
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; FILE REFERENCE: AMI00927 (031896-002000)
; CURRENT APPLICATION NUMBER: PCT/US04/00035
; CURRENT FILING DATE: 2004-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 2537
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAI
PCT-US04-00035-2537

Query Match 4.9%; Score 14.2; DB 1; Length 21;
Best Local Similarity 57.9%; Pred. No. 1.4e+02;
Matches 11; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

Qy 860 GCTCCAGTTGGAAACACTTT 878
Db 2 GCACCACUUGGAACAGUUU 20

RESULT 184
PCT-US04-00035-13672/c
; Sequence 13672, Application PC/TUS0400035
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; FILE REFERENCE: AMI00927 (031896-002000)
; CURRENT APPLICATION NUMBER: PCT/US04/00035
; CURRENT FILING DATE: 2004-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 13672
; LENGTH: 21
; TYPE: DNA
; ORGANISM: homo sapiens
PCT-US04-00035-13672

Query Match 4.9%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1.4e+02;

```
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Qy 732 TCATAGGACTGGTAGGT 750
Db 19 TCATAGGACTGGTAGGT 1

RESULT 185
PCT-US04-00035-14231/c
; Sequence 14231, Application PC/TUS0400035
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: PCT/US04/00035
; CURRENT FILING DATE: 2004-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 14231
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNai
PCT-US04-00035-14231

Query Match 4.9%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1.4e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Qy 736 AGGACTGGTAGGTCCCA 754
Db 20 AGGACTGGTAGGTCCCA 2

RESULT 186
PCT-US04-00035-38787
; Sequence 38787, Application PC/TUS0400035
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: PCT/US04/00035
; CURRENT FILING DATE: 2004-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 38787
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNai
PCT-US04-00035-38787

Query Match 4.9%; Score 14.2; DB 1; Length 21;
Best Local Similarity 47.4%; Pred. No. 1.4e+02;
Matches 9; Conservative 7; Mismatches 3; Indels 0; Gaps 0;
Qy 832 TCTTTCTCTCTGAAGAC 850
Db 2 UCUGACUUCUGGAGAC 20

RESULT 187
PCT-US04-00035-45442
; Sequence 45442, Application PC/TUS0400035
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: PCT/US04/00035
; CURRENT FILING DATE: 2004-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 45442
; LENGTH: 21
; TYPE: DNA
; ORGANISM: homo sapiens
PCT-US04-00035-45442

Query Match 4.9%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1.4e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Qy 927 ACCACCTCCAGAGATT 945
Db 3 ACCACCAACAGAGATT 21

RESULT 188
PCT-US04-00035-45764
; Sequence 45764, Application PC/TUS0400035
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: PCT/US04/00035
; CURRENT FILING DATE: 2004-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 45764
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNai
PCT-US04-00035-45764

Query Match 4.9%; Score 14.2; DB 1; Length 21;
Best Local Similarity 68.4%; Pred. No. 1.4e+02;
Matches 13; Conservative 3; Mismatches 3; Indels 0; Gaps 0;
Qy 927 ACCACCTCCAGAGATT 945
Db 3 ACCACCAACAGAGAAUU 21

RESULT 189
PCT-US04-00035-47286/c
; Sequence 47286, Application PC/TUS0400035
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; FILE REFERENCE: AM100927 (031896-002000)
```

; CURRENT APPLICATION NUMBER: PCT/US04/00035
; CURRENT FILING DATE: 2004-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 47286
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNai
PCT-US04-00035-47286

Query Match 4.9%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1.4e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 914 GATTATCATCACCACCACC 932
Db 21 GCTTACCACCACCACCACC 3

RESULT 190
PCT-US04-00035-53560
; Sequence 53560, Application PC/TUS0400035
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: PCT/US04/00035
; CURRENT FILING DATE: 2004-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 53560
; LENGTH: 21
; TYPE: DNA
; ORGANISM: homo sapiens
PCT-US04-00035-53560

Query Match 4.9%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1.4e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 920 CATCACCACCACCTCCAG 938
Db 1 CATCACCACCAACATCCAG 19

RESULT 191
US-10-770-726-3678/c
; Sequence 3678, Application US/10770726
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING, PREVENTING, AND TREATING
; FILE REFERENCE: AM101079 (031896-010000)
; CURRENT APPLICATION NUMBER: US/10/770.726
; CURRENT FILING DATE: 2004-02-04
; NUMBER OF SEQ ID NOS: 48640
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 3678
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNai
US-10-770-726-3678

Query Match 4.9%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1.4e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 731 GTCATAGGACTTGTTAGG 749
Db 19 GTCATAGTACTTGGCAAG 1

RESULT 192
US-10-770-726-11554/c
; Sequence 11554, Application US/10770726
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING, PREVENTING, AND TREATING
; FILE REFERENCE: AM101079 (031896-010000)
; CURRENT APPLICATION NUMBER: US/10/770.726
; CURRENT FILING DATE: 2004-02-04
; NUMBER OF SEQ ID NOS: 48640
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 11554
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNai
US-10-770-726-11554

Query Match 4.9%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1.4e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 854 GTCCTGGCTCCAGTTGGAA 872
Db 20 GTCCTAGTCCAGTGTAA 2

RESULT 193
US-10-770-726-14110/c
; Sequence 14110, Application US/10770726
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING, PREVENTING, AND TREATING
; FILE REFERENCE: AM101079 (031896-010000)
; CURRENT APPLICATION NUMBER: US/10/770.726
; CURRENT FILING DATE: 2004-02-04
; NUMBER OF SEQ ID NOS: 48640
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 14110
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNai
US-10-770-726-14110

Query Match 4.9%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1.4e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 766 CCTCACCTTCAGGCGAG 784
Db 21 CCTCAACTTCAGGAAAG 3

RESULT 194
US-10-770-726-19113/c
; Sequence 19113, Application US/10770726
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Brown, Eugene

```
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING, PREVENTING, AND TREATING
; FILE REFERENCE: AM101079 (031896-010000)
; CURRENT APPLICATION NUMBER: US/10/770,726
; CURRENT FILING DATE: 2004-02-04
; NUMBER OF SEQ ID NOS: 48640
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 19113
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi
US-10-770-726-19113

Query Match      4.9%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1.4e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 857 CTGGCTCAGTTGGAACAC 875
Db 19 CTGGCTCAGTTGGAACAC 1

RESULT 195
US-10-770-726-23067
; Sequence 23067, Application US/10770726
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING, PREVENTING, AND TREATING
; FILE REFERENCE: AM101079 (031896-010000)
; CURRENT APPLICATION NUMBER: US/10/770,726
; CURRENT FILING DATE: 2004-02-04
; NUMBER OF SEQ ID NOS: 48640
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 23067
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi
US-10-770-726-23067

Query Match      4.9%; Score 14.2; DB 1; Length 21;
Best Local Similarity 47.4%; Pred. No. 1.4e+02;
Matches 9; Conservative 7; Mismatches 3; Indels 0; Gaps 0;

QY 966 GACTCTCTAAATCGTGTT 984
Db 2 GUCUACUUAUCUGUGU 20

RESULT 196
US-10-770-726-43062
; Sequence 43062, Application US/10770726
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING, PREVENTING, AND TREATING
; FILE REFERENCE: AM101079 (031896-010000)
; CURRENT APPLICATION NUMBER: US/10/770,726
; CURRENT FILING DATE: 2004-02-04
; NUMBER OF SEQ ID NOS: 48640
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 43062
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi
US-10-770-726-43062

Query Match      4.9%; Score 14.2; DB 1; Length 21;
```

```
Best Local Similarity 57.9%; Pred. No. 1.4e+02;
Matches 11; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

QY 860 GCTCCAGTTGGAACACTTT 878
Db 2 GCACCACUUGGAACAGUU 20

RESULT 197
US-10-770-726-44304
; Sequence 44304, Application US/10770726
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING, PREVENTING, AND TREATING
; FILE REFERENCE: AM101079 (031896-010000)
; CURRENT APPLICATION NUMBER: US/10/770,726
; CURRENT FILING DATE: 2004-02-04
; NUMBER OF SEQ ID NOS: 48640
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 44304
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi
US-10-770-726-44304

Query Match      4.9%; Score 14.2; DB 1; Length 21;
Best Local Similarity 57.9%; Pred. No. 1.4e+02;
Matches 11; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

QY 860 GCTCCAGTTGGAACACTTT 878
Db 2 GCACCACUUGGAACAGUU 20

RESULT 198
US-10-812-232-236/c
; Sequence 236, Application US/10812232
; GENERAL INFORMATION:
; APPLICANT: Liu, Wei
; APPLICANT: Wu, Leeying
; APPLICANT: Channavaajhala, Padma L,
; APPLICANT: Lin, Lih-ling
; APPLICANT: Zhang, Yuhua
; TITLE OF INVENTION: Novel Proteins Homologous to Kinase Suppressor of Ras
; FILE REFERENCE: 01997.026700
; CURRENT APPLICATION NUMBER: US/10/812,232
; CURRENT FILING DATE: 2004-03-29
; PRIOR APPLICATION NUMBER: US 60/457,928
; PRIOR FILING DATE: 2003-03-28
; PRIOR APPLICATION NUMBER: US 60/491,283
; PRIOR FILING DATE: 2003-07-31
; NUMBER OF SEQ ID NOS: 254
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 236
; LENGTH: 21
; TYPE: RNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: siRNA polynucleotide, synthesized
US-10-812-232-236

Query Match      4.9%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1.4e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 924 ACCACCACCTCCAGAGAA 942
Db 19 ACCACTTCATCCAGAGAA 1
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```
RESULT 199
US-10-831-997-1791
; Sequence 1791, Application US/10831997
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023001 (AM101331L)
; CURRENT APPLICATION NUMBER: PCT/US04/05655
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 330
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-antisense strand
PCT-US04-05655-330

Query Match      4.8%; Score 14; DB 1; Length 21;
Best Local Similarity 100.0%; Pred.No. 1.6e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      954 AAGAGCCCAATTGA 967
DB      21 AAGAGCCCAATTGA 8

RESULT 202
US-10-770-726-20462
; Sequence 20462, Application US/10770726
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING, PREVENTING, AND TREATING
; TITLE OF INVENTION: CANCERS
; FILE REFERENCE: AM101079 (031896-010000)
; CURRENT APPLICATION NUMBER: US/10/770,726
; CURRENT FILING DATE: 2004-02-04
; NUMBER OF SEQ ID NOS: 48640
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20462
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-770-726-20462

Query Match      4.8%; Score 14; DB 1; Length 21;
Best Local Similarity 100.0%; Pred.No. 1.6e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      863 CCAGTTGGAACACT 876
DB      8 CCAGTTGGAACACT 21

RESULT 203
US-10-770-726-20465
; Sequence 20465, Application US/10770726
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING, PREVENTING, AND TREATING
; TITLE OF INVENTION: CANCERS
; FILE REFERENCE: AM101079 (031896-010000)
; CURRENT APPLICATION NUMBER: US/10/770,726
; CURRENT FILING DATE: 2004-02-04
; NUMBER OF SEQ ID NOS: 48640
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20465
; LENGTH: 21
; TYPE: DNA

US-10-847-918-3965
; Sequence 3965, Application US/10847918
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Be, Xiaobing
; APPLICANT: Liu, Wei
; APPLICANT: Slonim, Donna
; APPLICANT: Howes, Steve
; TITLE OF INVENTION: Compositions and Methods for Diagnosing and Treating Cancers
; FILE REFERENCE: 031896-026000 (AM101264)
; CURRENT APPLICATION NUMBER: US/10/847,918
; CURRENT FILING DATE: 2004-05-19
; PRIOR APPLICATION NUMBER: US 60/471,729
; PRIOR FILING DATE: 2003-05-20
; NUMBER OF SEQ ID NOS: 14937
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 3965
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-sense strand
US-10-847-918-3965

Query Match      4.9%; Score 14.2; DB 1; Length 21;
Best Local Similarity 57.9%; Pred.No. 1.4e+02;
Matches 11; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

QY      850 CAGCGTCTCGCTCCAGTT 868
DB      1 CUGCGUCCUGGUUCUGUU 19

RESULT 201
PCT-US04-05655-330/c
```


; ORGANISM: Homo sapiens
US-10-770-726-20465

Query Match 4.8%; Score 14; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.6e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 864 CAGTTGGAACACTT 877
DB 1 CAGTTGGAACACTT 14

RESULT 204
US-10-770-726-21488
; Sequence 21488, Application US/10770726
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING, PREVENTING, AND TREATING
; TITLE OF INVENTION: CANCERS
; FILE REFERENCE: AM101079 (031896-010000)
; CURRENT APPLICATION NUMBER: US/10/770.726
; CURRENT FILING DATE: 2004-02-04
; NUMBER OF SEQ ID NOS: 48640
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 21488
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-770-726-21488

Query Match 4.8%; Score 14; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.6e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 864 CAGTTGGAACACTT 877
DB 1 CAGTTGGAACACTT 14

RESULT 205
US-10-786-720-330/c
; Sequence 330, Application US/10786720
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786.720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 330
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-antisense strand
US-10-786-720-330

Query Match 4.8%; Score 14; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.6e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 954 AAGAGCCAAATTGA 967
DB 21 AAGAGCCAAATTGA 8

RESULT 206
US-10-831-997-167
; Sequence 167, Application US/10831997

; GENERAL INFORMATION:
; APPLICANT: Lander, Eric S.
; APPLICANT: Cargill, Michele
; APPLICANT: Ireland, James S.
; APPLICANT: Bolik, Stacey
; APPLICANT: Daley, George Q.
; APPLICANT: McCarthy, Jeanette J.
; TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHISMS IN GENES
; FILE REFERENCE: 2825.1027-001
; CURRENT APPLICATION NUMBER: US/10/831.997
; CURRENT FILING DATE: 2004-04-26
; PRIOR APPLICATION NUMBER: US/09/657.472
; PRIOR FILING DATE: 2000-09-07
; PRIOR APPLICATION NUMBER: US 60/153.357
; PRIOR FILING DATE: 1999-09-10
; PRIOR APPLICATION NUMBER: US 60/220.947
; PRIOR FILING DATE: 2000-07-26
; PRIOR APPLICATION NUMBER: US 60/225.724
; PRIOR FILING DATE: 2000-08-16
; NUMBER OF SEQ ID NOS: 2551
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 167
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-831-997-167

Query Match 4.8%; Score 14; DB 1; Length 21;
Best Local Similarity 87.5%; Pred. No. 1.6e+02;
Matches 14; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 920 CATCACCACCCCTC 935
DB 6 CATCAYCACCACTC 21

RESULT 207
US-10-767-471-50149
; Sequence 50149, Application US/10767471
; GENERAL INFORMATION:
; APPLICANT: CARGILL, Michele et al.
; TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
; TITLE OF INVENTION: RHEUMATOID ARTHRITIS, METHODS OF DETECTION AND USES THEREOF
; FILE REFERENCE: CLO01505
; CURRENT APPLICATION NUMBER: US/10/767.471
; CURRENT FILING DATE: 2004-01-30
; NUMBER OF SEQ ID NOS: 50231
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 50149
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-767-471-50149

Query Match 4.8%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1.4e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 923 CACCACCACCTCCAGA 939
DB 2 CACCACCACCTCCAGA 18

RESULT 208
US-10-796-280-68413
; Sequence 68413, Application US/10796280
; GENERAL INFORMATION:
; APPLICANT: CARGILL, Michele et al.
; TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
; TITLE OF INVENTION: STENOSIS, METHODS OF DETECTION AND USES THEREOF
; FILE REFERENCE: CLO01510
; CURRENT APPLICATION NUMBER: US/10/796.280
; CURRENT FILING DATE: 2004-03-10

; NUMBER OF SEQ ID NOS: 68533
; SOFTWARE: Fast-SEQ for Windows Version 4.0
; SEQ ID NO 68413
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-796-280-68413

Query Match 4.8%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1.4e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 923 CACCACCACTCCAGA 939
Db 2 CACCACCACTCACCAGA 18

RESULT 209

PCT-US03-41761-11468/c
; Sequence 11468, Application PC/TUS0341761
; GENERAL INFORMATION:
; APPLICANT: MMI GENOMICS, INC.
; APPLICANT: DENISE, Sue K.
; APPLICANT: CHARTERIS, Paul
; APPLICANT: ROSENFELD, David
; APPLICANT: HOLM, Tom
; TITLE OF INVENTION: BATES, Stephen
; FILE REFERENCE: MM1150W0
; CURRENT APPLICATION NUMBER: PCT/US03/41761
; CURRENT FILING DATE: 2003-12-31
; PRIOR APPLICATION NUMBER: US 60/437,482
; PRIOR FILING DATE: 2002-12-31
; NUMBER OF SEQ ID NOS: 64922
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 11468
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Reverse Primer
PCT-US03-41761-11468

Query Match 4.8%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 1.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 841 CTCTGAAGACAGCGTCC 857
Db 19 CCCTGAAGACAGTGTCC 3

RESULT 210

PCT-US03-41761-11468/c
; Sequence 11468, Application PC/TUS0341761
; GENERAL INFORMATION:
; APPLICANT: MMI GENOMICS, INC.
; APPLICANT: DENISE, Sue K.
; APPLICANT: CHARTERIS, Paul
; APPLICANT: ROSENFELD, David
; APPLICANT: HOLM, Tom
; TITLE OF INVENTION: BATES, Stephen
; FILE REFERENCE: MM1150W0
; CURRENT APPLICATION NUMBER: PCT/US03/41761
; CURRENT FILING DATE: 2003-12-31
; PRIOR APPLICATION NUMBER: US 60/437,482
; PRIOR FILING DATE: 2002-12-31
; NUMBER OF SEQ ID NOS: 64922
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 11468
; LENGTH: 19
; TYPE: DNA

; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Reverse Primer
PCT-US03-41761-11468

Query Match 4.8%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 1.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 841 CTCTGAAGACAGCGTCC 857
Db 19 CCCTGAAGACAGTGTCC 3

RESULT 211

PCT-US03-41766A-11468/c
; Sequence 11468, Application PC/TUS0341766A
; GENERAL INFORMATION:
; APPLICANT: MMI GENOMICS, INC.
; APPLICANT: DENISE, Sue K.
; APPLICANT: KERE, Richard
; APPLICANT: ROSENFELD, David
; APPLICANT: HOLM, Tom
; APPLICANT: BATES, Stephen
; APPLICANT: FANTIN, Dennis
; TITLE OF INVENTION: COMPOSITIONS, METHODS AND SYSTEMS FOR INFERRING BOVINE TRAITS
; FILE REFERENCE: MM11100W0
; CURRENT APPLICATION NUMBER: PCT/US03/41766A
; CURRENT FILING DATE: 2003-12-31
; PRIOR APPLICATION NUMBER: US 60/437,482
; PRIOR FILING DATE: 2002-12-31
; NUMBER OF SEQ ID NOS: 64922
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 11468
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Reverse Primer
PCT-US03-41766A-11468

Query Match 4.8%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 1.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 841 CTCTGAAGACAGCGTCC 857
Db 19 CCCTGAAGACAGTGTCC 3

RESULT 212

PCT-US04-15576-59
; Sequence 59, Application PC/TUS0415576
; GENERAL INFORMATION:
; APPLICANT: Isis Pharmaceuticals Inc.
; APPLICANT: Rosanne M. Crooke
; APPLICANT: Mark J. Graham
; TITLE OF INVENTION: MODULATION OF C-REACTIVE PROTEIN EXPRESSION
; FILE REFERENCE: BIOL0014W0
; CURRENT APPLICATION NUMBER: PCT/US04/15576
; CURRENT FILING DATE: 2004-06-04
; PRIOR APPLICATION NUMBER: US 60/475,272
; PRIOR FILING DATE: 2003-06-02
; PRIOR APPLICATION NUMBER: US 60/540,042
; PRIOR FILING DATE: 2004-01-28
; PRIOR APPLICATION NUMBER: US
; PRIOR FILING DATE: 2004-06-01
; NUMBER OF SEQ ID NOS: 627
; SEQ ID NO 59
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:

Mon Jul 12 11:21:17 2004

```

PCT-US04-00035-14102/c
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: PCT/US04/00035
; GENERAL INFORMATION:
; SEQUENCE 14102, Application PC/TUS0400035
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; TITLE OF INVENTION: CANCERS
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: PCT/US04/00035
; CURRENT FILING DATE: 2004-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 14102
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi
PCT-US04-00035-14102

Query Match
Best Local Similarity 4.8%; Score 13.8; DB 1; Length 21;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 732 TCATAGGACTTGGTAGG 748
DB 18 TCTTAGGACTTGGTAGG 2

RESULT 218
PCT-US04-00035-24780
; Sequence 24780, Application PC/TUS0400035
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; TITLE OF INVENTION: CANCERS
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: PCT/US04/00035
; CURRENT FILING DATE: 2004-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 24780
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi
PCT-US04-00035-24780

Query Match
Best Local Similarity 4.8%; Score 13.8; DB 1; Length 21;
Matches 11; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 868 TGGACACTTTCTCGAG 884
DB 5 UGGACACUUCAGAG 21

RESULT 219
PCT-US04-00035-43617/c
; Sequence 43617, Application PC/TUS0400035
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; TITLE OF INVENTION: CANCERS
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: PCT/US04/00035
; CURRENT FILING DATE: 2004-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 43617
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi
PCT-US04-00035-43617

Query Match
Best Local Similarity 4.8%; Score 13.8; DB 1; Length 21;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 869 GGAACACTTCTCGAGA 885
DB 18 GGAAGACTTTCGGAGA 2

RESULT 220
PCT-US04-00035-46483/c
; Sequence 46483, Application PC/TUS0400035
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; TITLE OF INVENTION: CANCERS
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: PCT/US04/00035
; CURRENT FILING DATE: 2004-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 46483
; LENGTH: 21
; TYPE: DNA
; ORGANISM: homo sapiens
PCT-US04-00035-46483

Query Match
Best Local Similarity 4.8%; Score 13.8; DB 1; Length 21;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 858 TGGCTCCAGTTGGAACA 874
DB 21 TGGCTCCAGTTGGAACA 5

RESULT 221
PCT-US04-00035-46484/c
; Sequence 46484, Application PC/TUS0400035
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; TITLE OF INVENTION: CANCERS
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: PCT/US04/00035
; CURRENT FILING DATE: 2004-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 46484
; LENGTH: 21
; TYPE: DNA
; ORGANISM: homo sapiens
PCT-US04-00035-46484

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; TYPE: RNA
; ORGANISM: RNAl
PCT-US04-00035-46484

Query Match 4.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 1.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 858 TGGCTCCAGTTGGAACA 874
Db 19 TGGCTCCAGCTGGAACA 3
|||||

RESULT 222
PCT-US04-00035-48546
; Sequence 48546, Application PC/TUS0400035
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: PCT/US04/00035
; CURRENT FILING DATE: 2004-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 48546
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAl
PCT-US04-00035-48546

Query Match 4.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 64.7%; Pred. No. 1.7e+02;
Matches 11; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 916 TTATCATCACACACC 932
Db 1 UUAUCAUCCAGGCACC 17
:::|||||

RESULT 223
PCT-US04-05655-370
; Sequence 370, Application PC/TUS0405655
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023001 (AM101331L)
; CURRENT APPLICATION NUMBER: PCT/US04/05655
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 370
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
PCT-US04-05655-370

Query Match 4.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 1.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 932 CCTCCAGAGAAATTTAC 948
Db 5 CCTCCAGAGCAATTTAC 21
|||||

RESULT 224
PCT-US04-05655-371
; Sequence 371, Application PC/TUS0405655
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023001 (AM101331L)
; CURRENT APPLICATION NUMBER: PCT/US04/05655
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 371
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAl-sense strand
PCT-US04-05655-371

Query Match 4.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 64.7%; Pred. No. 1.7e+02;
Matches 11; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 932 CCTCCAGAGAAATTTAC 948
Db 3 CCUCCAGAGCAUUUAC 19
||:|||||::|

RESULT 225
PCT-US04-05655-372/c
; Sequence 372, Application PC/TUS0405655
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023001 (AM101331L)
; CURRENT APPLICATION NUMBER: PCT/US04/05655
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 372
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAl-antisense strand
PCT-US04-05655-372

Query Match 4.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 1.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 932 CCTCCAGAGAAATTTAC 948
Db 17 CCTCCAGAGCAATTTAC 1
|||||

RESULT 226
PCT-US04-05655-12893/c
; Sequence 12893, Application PC/TUS0405655
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023001 (AM101331L)
; CURRENT APPLICATION NUMBER: PCT/US04/05655
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2

; SEQ ID NO 12893
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-sense strand
PCT-US04-05655-12893

Query Match 4.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 1.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 763 AGGCTCCACTTCTGAG 779
Db 20 AGGCTTCAGTCTGAG 4

RESULT 227
PCT-US04-05655-13064/c
; Sequence 13064, Application PC/TUS0405655
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023001 (AM101331L)
; CURRENT APPLICATION NUMBER: PCT/US04/05655
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 13064
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-sense strand
PCT-US04-05655-13064

Query Match 4.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 1.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 812 AACTCAGGTTGGTGT 828
Db 21 AACTCAGGTTGTGT 5

RESULT 228
US-10-770-726-14683/c
; Sequence 14683, Application US/10770726
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING, PREVENTING, AND TREATING
; FILE REFERENCE: AM101079 (031896-010000)
; CURRENT APPLICATION NUMBER: US/10/770,726
; CURRENT FILING DATE: 2004-02-04
; NUMBER OF SEQ ID NOS: 48640
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 14683
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi
US-10-770-726-14683

Query Match 4.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 1.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 764 GGCTCCACTTCTGAGG 780
Db 21 GACCTCAACTTCTGAGG 5

RESULT 229
US-10-770-726-27329/c
; Sequence 27329, Application US/10770726
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING, PREVENTING, AND TREATING
; FILE REFERENCE: AM101079 (031896-010000)
; CURRENT APPLICATION NUMBER: US/10/770,726
; CURRENT FILING DATE: 2004-02-04
; NUMBER OF SEQ ID NOS: 48640
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 27329
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-770-726-27329

Query Match 4.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 1.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 895 TTCTCAGCTTCTGCGAT 911
Db 18 TTCTCAGCTTCTGCGAT 2

RESULT 230
US-10-770-726-41529
; Sequence 41529, Application US/10770726
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING, PREVENTING, AND TREATING
; FILE REFERENCE: AM101079 (031896-010000)
; CURRENT APPLICATION NUMBER: US/10/770,726
; CURRENT FILING DATE: 2004-02-04
; NUMBER OF SEQ ID NOS: 48640
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 41529
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi
US-10-770-726-41529

Query Match 4.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 76.5%; Pred. No. 1.7e+02;
Matches 13; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 949 GCAAGAAGAGCCAAATT 965
Db 4 GCAAGAAGAUCCUAAUU 20

RESULT 231
US-10-770-726-46258/c
; Sequence 46258, Application US/10770726
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING, PREVENTING, AND TREATING
; FILE REFERENCE: AM101079 (031896-010000)
; CURRENT APPLICATION NUMBER: US/10/770,726
; CURRENT FILING DATE: 2004-02-04
; NUMBER OF SEQ ID NOS: 48640
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 46258

```
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAI
US-10-770-726-46258

Query Match      4.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 1.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 947 ACACAAGAGGAGCCAAA 963
Db 17 ACACAAGAGGAGCCAAA 1

RESULT 232
US-10-786-720-370
; Sequence 370, Application US/10786720
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 370
; LENGTH: 21
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-786-720-370

Query Match      4.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 1.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 932 CCTCCAGAGATTTCAC 948
Db 5 CCTCCAGAGATTTCAC 21

RESULT 233
US-10-786-720-371
; Sequence 371, Application US/10786720
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 371
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAI-sense strand
US-10-786-720-371

Query Match      4.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 64.7%; Pred. No. 1.7e+02;
Matches 11; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 932 CCTCCAGAGATTTCAC 948
Db 3 CCUCCAGAGAGUUUAC 19

RESULT 234
US-10-786-720-372/c
; Sequence 372, Application US/10786720
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 372
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAI-antisense strand
US-10-786-720-372

Query Match      4.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 1.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 932 CCTCCAGAGATTTCAC 948
Db 17 CCTCCAGAGATTTCAC 1

RESULT 235
US-10-786-720-12893/c
; Sequence 12893, Application US/10786720
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 12893
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAI-sense strand
US-10-786-720-12893

Query Match      4.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 1.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 763 AGCCTCCACTTCTGAG 779
Db 20 AGCCTCCACTTCTGAG 4

RESULT 236
US-10-786-720-13064/c
; Sequence 13064, Application US/10786720
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 13064
; LENGTH: 21
```

```
; TYPE: RNA
; ORGANISM: RNAi-sense strand
US-10-786-720-13064

Query Match      4.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 1.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      812 AACTCAGGGTTGGGTGT 828
Db      21 AACTCAGGGTTGTCTGT 5

RESULT 237
US-10-831-997-2166
; Sequence 2166, Application US/10831997
; GENERAL INFORMATION:
; APPLICANT: Lander, Eric S.
; APPLICANT: Cargill, Michele
; APPLICANT: Ireland, James S.
; APPLICANT: Bolik, Stacey
; APPLICANT: Daley, George Q.
; APPLICANT: McCarthy, Jeanette J.
; TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHISMS IN GENES
; FILE REFERENCE: 2825.1027-001
; CURRENT APPLICATION NUMBER: US/10/831,997
; CURRENT FILING DATE: 2004-04-26
; PRIOR APPLICATION NUMBER: US/09/657,472
; PRIOR FILING DATE: 2000-09-07
; PRIOR APPLICATION NUMBER: US 60/153,357
; PRIOR FILING DATE: 1999-09-10
; PRIOR APPLICATION NUMBER: US 60/220,947
; PRIOR FILING DATE: 2000-07-26
; PRIOR APPLICATION NUMBER: US 60/225,724
; PRIOR FILING DATE: 2000-08-16
; NUMBER OF SEQ ID NOS: 2551
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 2166
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-831-997-2166

Query Match      4.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 78.9%; Pred. No. 1.7e+02;
Matches 15; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY      835 TTTCTTCTCTGAAGACAGC 853
Db      2 TCTCGTCTCTGAAGACATC 20

RESULT 238
PCT-US04-05758-86/c
; Sequence 86, Application PC/TUS0405758
; GENERAL INFORMATION:
; APPLICANT: E.I. du Pont de Nemours and Company
; TITLE OF INVENTION: Production of Long Chain Polyunsaturated Fatty Acids in Plants
; FILE REFERENCE: BB1538 PCT
; CURRENT APPLICATION NUMBER: PCT/US04/05758
; CURRENT FILING DATE: 2004-03-01
; PRIOR APPLICATION NUMBER: US 60/446,941
; PRIOR FILING DATE: 2003-02-12
; NUMBER OF SEQ ID NOS: 98
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 86
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthetic oligonucleotide
PCT-US04-05758-86

Query Match      4.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.8e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      949 GCAAGAGAGCCAAATTGAC 968
Db      20 GCACGATGAGCCACTTTGAC 1

RESULT 239
PCT-US04-13379-67
; Sequence 67, Application PC/TUS0413379
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Christopher K. Mirabelli
; APPLICANT: Isis Pharmaceuticals, Inc.
; TITLE OF INVENTION: OLIGONUCLEOTIDE MODULATION OF CELL ADHESION
; FILE REFERENCE: ISPH-0852
; CURRENT APPLICATION NUMBER: PCT/US04/13379
; CURRENT FILING DATE: 2004-05-06
; PRIOR APPLICATION NUMBER: 10/454,663
; PRIOR FILING DATE: 2003-06-04
; NUMBER OF SEQ ID NOS: 146
; SEQ ID NO 67
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
PCT-US04-13379-67

Query Match      4.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.8e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      825 CTGTGTCTCTTTTCTCTCT 844
Db      1 CTGTGTCTCTCTCTCGCT 20

RESULT 240
US-10-776-311-86/c
; Sequence 86, Application US/10776311
; GENERAL INFORMATION:
; APPLICANT: Edgar B. Cahoon
; APPLICANT: Howard G. Damude
; APPLICANT: William D. Hitz
; APPLICANT: Anthony J. Kinney
; APPLICANT: Charles W. Kolar
; APPLICANT: Zhan Bin Liu
; TITLE OF INVENTION: Production of Long Chain Polyunsaturated Fatty Acids in Plants
; FILE REFERENCE: BB1538 US NA
; CURRENT APPLICATION NUMBER: US/10/776,311
; CURRENT FILING DATE: 2004-02-11
; PRIOR APPLICATION NUMBER: US 60/446,941
; PRIOR FILING DATE: 2003-02-12
; NUMBER OF SEQ ID NOS: 98
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 86
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthetic oligonucleotide
US-10-776-311-86

Query Match      4.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.8e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      949 GCAAGAGAGCCAAATTGAC 968
Db      20 GCACGATGAGCCACTTTGAC 1
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; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT-FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: Patent in version 3.2
; SEQ ID NO 22003
; LENGTH: 18
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-22003

Query Match      4.6%; Score 13.4; DB 1; Length 18;
Best Local Similarity 73.3%; Pred. No. 1.6e-02;
Matches 11; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 786 CCCTCTGTGTGCCAAG 800
DB 2 CCCUCUGUGCCCAAG 16

RESULT 244
US-10-708-951-26325
; Sequence 26325, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATICAALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: Patent in version 3.2
; SEQ ID NO 26325
; LENGTH: 18
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-26325

Query Match      4.6%; Score 13.4; DB 1; Length 18;
Best Local Similarity 73.3%; Pred. No. 1.6e-02;
Matches 11; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 786 CCCTCTGTGTGCCAAG 800
DB 1 CCCUCUGUGCCCAAG 15

RESULT 245
US-10-708-951-42805
; Sequence 42805, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATICAALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: Patent in version 3.2
; SEQ ID NO 42805
; LENGTH: 18
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-42805

Query Match      4.6%; Score 13.4; DB 1; Length 18;
Best Local Similarity 73.3%; Pred. No. 1.6e-02;
Matches 11; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 786 CCCTCTGTGTGCCAAG 800
DB 1 CCCUCUGUGCCCAAG 15

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RESULT 241
US-10-060-793A-19/c
; Sequence 19, Application US/10060793A
; GENERAL INFORMATION:
; APPLICANT: Abbott Laboratories
; APPLICANT: Mukerji, Pradip
; APPLICANT: Huang, Yung-Sheng
; APPLICANT: Pereira, Suzette L.
; TITLE OF INVENTION: DESATURASE GENES, ENZYMES ENCODED
; TITLE OF INVENTION: THEREBY, AND USES THEREOF
; FILE REFERENCE: 6884.US.01
; CURRENT APPLICATION NUMBER: US/10/060,793A
; CURRENT FILING DATE: 2002-01-30
; NUMBER OF SEQ ID NOS: 60
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 19
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Reverse Primer Roll86
US-10-060-793A-19

Query Match      4.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.8e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 949 GCAAGAGAGCCAAATTGAC 968
DB 20 GCACGATGAGCCACTTTGAC 1

RESULT 242
PCT-US04-04300-88/c
; Sequence 88, Application PC/TUS0404300
; GENERAL INFORMATION:
; APPLICANT: Mayo Foundation for Medical Education and Research
; TITLE OF INVENTION: PKHD1, A Homolog of the Autosomal
; TITLE OF INVENTION: Recessive Kidney Disease Gene
; FILE REFERENCE: 07039-458W01
; CURRENT APPLICATION NUMBER: PCT/US04/04300
; CURRENT FILING DATE: 2004-02-12
; PRIOR APPLICATION NUMBER: US 60/446,860
; PRIOR FILING DATE: 2003-02-12
; NUMBER OF SEQ ID NOS: 206
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 88
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
PCT-US04-04300-88

Query Match      4.6%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 1.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 831 CTCCTTTCTCTCTG 845
DB 18 CTCCTTTCTCTATG 4

RESULT 243
US-10-708-951-22003
; Sequence 22003, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATICAALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; TITLE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 55034

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RESULT 246
US-10-708-951-52440
; Sequence 52440, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 52440
; LENGTH: 18
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-52440
Query Match 4.6%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 1.6e+02;
Matches 11; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 786 CCCTCTGTGTGCCAAG 800
|||||:|||||
Db 2 CCUCUGUUGCCAAG 16

RESULT 247
PCT-US03-41761-16565
; Sequence 16565, Application PC/TUS0341761
; GENERAL INFORMATION:
; APPLICANT: MMI GENOMICS, INC.
; APPLICANT: DENISE, Sue K.
; APPLICANT: CHARTERIS, Paul
; APPLICANT: ROSENFELD, David
; APPLICANT: HOLM, Tom
; APPLICANT: BATES, Stephen
; TITLE OF INVENTION: COMPOSITIONS, METHODS, AND SYSTEMS FOR INFERRING BOVINE BREED
; FILE REFERENCE: MM11100WO
; CURRENT APPLICATION NUMBER: PCT/US03/41761
; CURRENT FILING DATE: 2003-12-31
; PRIOR APPLICATION NUMBER: US 60/437,482
; PRIOR FILING DATE: 2002-12-31
; NUMBER OF SEQ ID NOS: 64922
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 16565
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Forward Primer
PCT-US03-41761-16565
Query Match 4.6%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 827 GTGTCTCTTTTCTTC 841
|||||:|||||
Db 3 GTGTCCCTTTTCTTC 17

RESULT 248
PCT-US03-41766A-16565
; Sequence 16565, Application PC/TUS0341766A
; GENERAL INFORMATION:
; APPLICANT: MMI GENOMICS, INC.
; APPLICANT: DENISE, Sue K.
; APPLICANT: KERR, Richard
; APPLICANT: ROSENFELD, David
; APPLICANT: HOLM, Tom
; APPLICANT: BATES, Stephen
; APPLICANT: FANTIN, Dennis
US-10-708-951-52440
; Sequence 52440, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 52440
; LENGTH: 18
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-52440
Query Match 4.6%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 1.6e+02;
Matches 11; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 786 CCCTCTGTGTGCCAAG 800
|||||:|||||
Db 2 CCUCUGUUGCCAAG 16

RESULT 249
US-10-708-951-26326
; Sequence 26326, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 26326
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-26326
Query Match 4.6%; Score 13.4; DB 1; Length 19;
Best Local Similarity 73.3%; Pred. No. 1.8e+02;
Matches 11; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 786 CCCTCTGTGTGCCAAG 800
|||||:|||||
Db 1 CCUCUGUUGCCAAG 15

RESULT 250
US-10-708-951-49215
; Sequence 49215, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 49215
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-49215
Query Match 4.6%; Score 13.4; DB 1; Length 19;
Best Local Similarity 73.3%; Pred. No. 1.8e+02;
Matches 11; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 786 CCCTCTGTGTGCCAAG 800
|||||:|||||
Db 1 CCUCUGUUGCCAAG 15

RESULT 251
US-10-708-951-49215
; Sequence 49215, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 49215
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-49215
Query Match 4.6%; Score 13.4; DB 1; Length 19;
Best Local Similarity 73.3%; Pred. No. 1.8e+02;
Matches 11; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 786 CCCTCTGTGTGCCAAG 800
|||||:|||||
Db 1 CCUCUGUUGCCAAG 15

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QY 786 CCCTCTGGTGCCAAG 800
|||:|:|||||
Db 1 CCCUCUGUGCCAAG 15

RESULT 251
US-10-708-951-25752
; Sequence 25752, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; TITLE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 25752
; LENGTH: 20
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-25752

Query Match 4.6%; Score 13.4; DB 1; Length 20;
Best Local Similarity 73.3%; Pred. No. 1.9e+02;
Matches 11; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 786 CCCTCTGGTGCCAAG 800
|||:|:|||||
Db 4 CCCUCUGUGCCAAG 18

RESULT 252
US-10-708-951-26327
; Sequence 26327, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; TITLE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 26327
; LENGTH: 20
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-26327

Query Match 4.6%; Score 13.4; DB 1; Length 20;
Best Local Similarity 73.3%; Pred. No. 1.9e+02;
Matches 11; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 786 CCCTCTGGTGCCAAG 800
|||:|:|||||
Db 1 CCCUCUGUGCCAAG 15

RESULT 253
US-10-708-951-42806
; Sequence 42806, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; TITLE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 42806

; LENGTH: 20
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-42806

Query Match 4.6%; Score 13.4; DB 1; Length 20;
Best Local Similarity 73.3%; Pred. No. 1.9e+02;
Matches 11; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 786 CCCTCTGGTGCCAAG 800
|||:|:|||||
Db 1 CCCUCUGUGCCAAG 15

RESULT 254
US-10-708-951-52583
; Sequence 52583, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; TITLE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 52583
; LENGTH: 20
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-52583

Query Match 4.6%; Score 13.4; DB 1; Length 20;
Best Local Similarity 73.3%; Pred. No. 1.9e+02;
Matches 11; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 786 CCCTCTGGTGCCAAG 800
|||:|:|||||
Db 4 CCCUCUGUGCCAAG 18

RESULT 255
PCT-US03-41761-16539
; Sequence 16539, Application PC/TUS0341761
; GENERAL INFORMATION:
; APPLICANT: MMI GENOMICS, INC.
; APPLICANT: DENISE Sue K.
; APPLICANT: CHARIERIS, Paul
; APPLICANT: ROSENFELD, David
; APPLICANT: HOLM, Tom
; APPLICANT: BATES, Stephen
; TITLE OF INVENTION: COMPOSITIONS, METHODS, AND SYSTEMS FOR INFERRING BOVINE BREED
; FILE REFERENCE: MM1150W0
; CURRENT APPLICATION NUMBER: PCT/US03/41761
; CURRENT FILING DATE: 2003-12-31
; PRIOR APPLICATION NUMBER: US 60/437,482
; PRIOR FILING DATE: 2002-12-31
; NUMBER OF SEQ ID NOS: 64922
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 16539
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Forward Primer
PCT-US03-41761-16539

Query Match 4.6%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 734 ATAGGACTTGGTAGGTC 751
|||||:|||||

```
Db      1 ATAGGGCTTGGCAAGGTC 18
RESULT 256
PCT-US03-41766A-16539
; Sequence 16539, Application PC/TUS0341766A
; GENERAL INFORMATION:
; APPLICANT: MMI GENOMICS, INC.
; APPLICANT: DENISE, Sue K.
; APPLICANT: KERR, Richard
; APPLICANT: ROSENFELD, David
; APPLICANT: HOLM, Tom
; APPLICANT: BATES, Stephen
; APPLICANT: FANTIN, Dennis
; TITLE OF INVENTION: COMPOSITIONS, METHODS AND SYSTEMS FOR INFERRING BOVINE TRAITS
; FILE REFERENCE: MM1100W0
; CURRENT APPLICATION NUMBER: PCT/US03/41766A
; PRIOR FILING DATE: 2003-12-31
; PRIOR APPLICATION NUMBER: US 60/437,482
; PRIOR FILING DATE: 2002-12-31
; NUMBER OF SEQ ID NOS: 64922
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 16539
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Forward Primer
PCT-US03-41766A-16539

Query Match      4.6%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      734 ATAGGACTTGGTAGGGTC 751
      |||||
Db      1 ATAGGGCTTGGCAAGGTC 18

RESULT 257
US-10-664-639A-62
; Sequence 62, Application US/10664639A
; GENERAL INFORMATION:
; APPLICANT: Vickers, Timothy
; APPLICANT: Koo, Seongjoon
; APPLICANT: Bennett, C. Frank
; APPLICANT: Crooke, Stanley T.
; APPLICANT: Dean, Nicholas, M.
; APPLICANT: Baker, Brenda F.
; TITLE OF INVENTION: Efficient Reduction of Target RNA's by Single- and
; FILE REFERENCE: ISIS0001-100 (CORE00027US)
; CURRENT APPLICATION NUMBER: US/10/664,639A
; CURRENT FILING DATE: 2003-09-18
; PRIOR APPLICATION NUMBER: US 60/411,780
; PRIOR FILING DATE: 2002-09-18
; NUMBER OF SEQ ID NOS: 121
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 62
; LENGTH: 18
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide
; NAME/KEY: misc feature
; LOCATION: (1)-(4)
; OTHER INFORMATION: 2'-O-methoxyethyl substituted bases
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (15)-(18)
; OTHER INFORMATION: 2'-O-methoxyethyl substituted bases
US-10-664-639A-62

Query Match      4.6%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      734 ATAGGACTTGGTAGGGTC 751
      |||||
Db      1 ATAGGGCTTGGCAAGGTC 18

RESULT 258
US-10-708-951-30174
; Sequence 30174, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 30174
; LENGTH: 18
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-30174

Query Match      4.6%; Score 13.2; DB 1; Length 18;
Best Local Similarity 77.8%; Pred. No. 1.8e+02;
Matches 14; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY      781 GCAGGCCCTCTGCTGCCA 798
      |||||
Db      1 GCAGGCCCTCTGCTGCCA 18

RESULT 259
US-10-708-951-39671
; Sequence 39671, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 39671
; LENGTH: 18
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-39671

Query Match      4.6%; Score 13.2; DB 1; Length 18;
Best Local Similarity 77.8%; Pred. No. 1.8e+02;
Matches 14; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY      781 GCAGGCCCTCTGCTGCCA 798
      |||||
Db      1 GCAGGCCCTCTGCTGCCA 18

RESULT 260
US-10-708-951-44361
; Sequence 44361, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
```

```
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 44361
; LENGTH: 18
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-44361

Query Match      4.6%; Score 13.2; DB 1; Length 18;
Best Local Similarity 77.8%; Pred. No. 1.8e+02;
Matches 14; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 781 GCAGCCCTCTGGGCGCA 798
      ||||| ||||| |||||
Db 1 GCAGCCCGCCAGGUGCCA 18

RESULT 261
PCT-US03-04448A-24/c
; Sequence 24, Application PC/TUS0304448A
; GENERAL INFORMATION:
; APPLICANT: McSwiggen, James
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Checkpoint Kinase-1
; FILE REFERENCE: 02-762-A(400/085)
; CURRENT APPLICATION NUMBER: PCT/US03/04448A
; CURRENT FILING DATE: 2003-02-13
; PRIOR APPLICATION NUMBER: US 60/401,093
; PRIOR FILING DATE: 2002-08-05
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2002-01-15
; NUMBER OF SEQ ID NOS: 276
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 24
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
PCT-US03-04448A-24

Query Match      4.6%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 801 AGCTCTCTCCAACTCAG 818
      ||||| ||||| |||||
Db 19 AGCTCTCTCCACTACAG 2

RESULT 262
PCT-US03-04448A-136
; Sequence 136, Application PC/TUS0304448A
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Checkpoint Kinase-1
; FILE REFERENCE: 02-762-A(400/085)
; CURRENT APPLICATION NUMBER: PCT/US03/04448A
; CURRENT FILING DATE: 2003-02-13
; PRIOR APPLICATION NUMBER: US 60/401,093
; PRIOR FILING DATE: 2002-08-05
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2002-01-15
; NUMBER OF SEQ ID NOS: 276
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 24
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
PCT-US03-04448A-24

Query Match      4.6%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 801 AGCTCTCTCCAACTCAG 818
      ||||| ||||| |||||
Db 19 AGCTCTCTCCACTACAG 2

RESULT 263
US-10-021-698A-5738
; Sequence 5738, Application US/10021698A
; GENERAL INFORMATION:
; APPLICANT: KEITH, TIM
; APPLICANT: LITTLE, RANDALL
; APPLICANT: VAN EERDEWEGH, PAUL
; APPLICANT: DUPUIS, JOSEF
; APPLICANT: DEL MASTRO, RICHARD
; APPLICANT: SIMON, JASON
; APPLICANT: ALLEN, KRISTINA
; APPLICANT: PANDIT, SUNIL
; TITLE OF INVENTION: NUCLEOTIDE AND AMINO ACID SEQUENCES RELATING TO
; FILE REFERENCE: 2976-4040U1
; CURRENT APPLICATION NUMBER: US/10/021,698A
; CURRENT FILING DATE: 2001-10-22
; PRIOR APPLICATION NUMBER: 60/211,749
; PRIOR FILING DATE: 2000-06-14
; NUMBER OF SEQ ID NOS: 6160
; SOFTWARE: PatentIn 2.1
; SEQ ID NO 5738
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-021-698A-5738

Query Match      4.6%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 726 CTCTGGTCATAGGACTTG 743
```

```
; TITLE OF INVENTION: (CHK-1) Gene Expression using Short Interfering RNA
; FILE REFERENCE: 02-762-A(400/085)
; CURRENT APPLICATION NUMBER: PCT/US03/04448A
; CURRENT FILING DATE: 2003-02-13
; PRIOR APPLICATION NUMBER: US 60/401,093
; PRIOR FILING DATE: 2002-08-05
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2002-01-15
; NUMBER OF SEQ ID NOS: 276
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 136
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
PCT-US03-04448A-136

Query Match      4.6%; Score 13.2; DB 1; Length 19;
Best Local Similarity 66.7%; Pred. No. 2e+02;
Matches 12; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 801 AGCTCTCTCCAACTCAG 818
      ||||| ||||| |||||
Db 1 AGCUCUCCUCCACUACAG 18

RESULT 263
US-10-021-698A-5738
; Sequence 5738, Application US/10021698A
; GENERAL INFORMATION:
; APPLICANT: KEITH, TIM
; APPLICANT: LITTLE, RANDALL
; APPLICANT: VAN EERDEWEGH, PAUL
; APPLICANT: DUPUIS, JOSEF
; APPLICANT: DEL MASTRO, RICHARD
; APPLICANT: SIMON, JASON
; APPLICANT: ALLEN, KRISTINA
; APPLICANT: PANDIT, SUNIL
; TITLE OF INVENTION: NUCLEOTIDE AND AMINO ACID SEQUENCES RELATING TO
; FILE REFERENCE: 2976-4040U1
; CURRENT APPLICATION NUMBER: US/10/021,698A
; CURRENT FILING DATE: 2001-10-22
; PRIOR APPLICATION NUMBER: 60/211,749
; PRIOR FILING DATE: 2000-06-14
; NUMBER OF SEQ ID NOS: 6160
; SOFTWARE: PatentIn 2.1
; SEQ ID NO 5738
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-021-698A-5738

Query Match      4.6%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 726 CTCTGGTCATAGGACTTG 743
```



```

; CURRENT APPLICATION NUMBER: US/10/770,726
; CURRENT FILING DATE: 2004-02-04
; NUMBER OF SEQ ID NOS: 48640
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 36246
; LENGTH: 20
; TYPE: RNA
; ORGANISM: RNAI
; US-10-770-726-36246

```

```
Query Match      4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 55.6%; Pred. No. 2.1e+02;
Matches 10; Conservative 5; Mismatches 3; Indels 0; Gaps 0;
```

Qy 851 AGCGTCCTGGCTCCAGTT 868
||| : ||| : ||| :
Db 2 AGCUUCUGGAUCCAGUU 19

```

RESULT 274
US-10-486-312-249
; Sequence 249, Application US/10486312
; GENERAL INFORMATION:
; APPLICANT: Karrias, James G
; TITLE OF INVENTION: Antisense Oligonucleotide Modulation of STAT3
; TITLE OF INVENTION: Expression
; FILE REFERENCE: ISPH-0828
; CURRENT APPLICATION NUMBER: US/10/486,312
; CURRENT FILING DATE: 2004-02-06
; PRIOR APPLICATION NUMBER: 10/713,139
; PRIOR FILING DATE: 2003-11-14
; PRIOR APPLICATION NUMBER: 09/758,881
; PRIOR FILING DATE: 2001-01-11
; PRIOR APPLICATION NUMBER: PCT/US00/09054
; PRIOR FILING DATE: 2000-04-06
; PRIOR APPLICATION NUMBER: 09/288,461
; PRIOR FILING DATE: 1999-04-08
; NUMBER OF SEQ ID NOS: 402
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 249
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense oligonucleotide
US-10-486-312-249

```

```
Query Match      4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 2.1e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

Qy 703 TCCAGCGAGTCCAGGAG 720
|||||
Db 1 TCCAGCCAGACCCAGAAG 18

```

RESULT 275
US-10-486-312-371
; Sequence 371, Application US/10486312
; GENERAL INFORMATION:
; APPLICANT: Karrias, James G
; TITLE OF INVENTION: Antisense Oligonucleotide Modulation of STAT3
; TITLE OF INVENTION: Expression
; FILE REFERENCE: ISPH-0828
; CURRENT APPLICATION NUMBER: US/10/486,312
; CURRENT FILING DATE: 2004-02-06
; PRIOR APPLICATION NUMBER: 10/713,139
; PRIOR FILING DATE: 2003-11-14
; PRIOR APPLICATION NUMBER: 09/758,881
; PRIOR FILING DATE: 2001-01-11
; PRIOR APPLICATION NUMBER: PCT/US00/09054
; PRIOR FILING DATE: 2000-04-06
; PRIOR APPLICATION NUMBER: 09/288,461

```

, PRIOR FILING DATE: 1999-04-08
 , NUMBER OF SEQ ID NOS: 402
 , SOFTWARE: Patent In Ver. 2.1
 , SEQ ID NO 371
 , LENGTH: 20
 , TYPE: DNA
 , ORGANISM: Artificial Sequence
 , FEATURE:
 , OTHER INFORMATION: Antisense
 US-10-486-312-371

Query Match 4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 2.1e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy : 703 TCCAGCGAGTCCCAGGAG 720
Db : 2 TCCAGCCAGACCCAGAAG 19

```

RESULT 276
US-10-486-312-372
; Sequence 372, Application US/10486312
; GENERAL INFORMATION:
; APPLICANT: Karrias, James G
; TITLE OF INVENTION: Antisense Oligonucleotide Modulation of STAT3
; TITLE OF INVENTION: Expression
; FILE REFERENCE: ISPH-0828
; CURRENT APPLICATION NUMBER: US/10/486,312
; CURRENT FILING DATE: 2004-02-06
; PRIOR APPLICATION NUMBER: 10/713,139
; PRIOR FILING DATE: 2003-11-14
; PRIOR APPLICATION NUMBER: 09/758,881
; PRIOR FILING DATE: 2001-01-11
; PRIOR APPLICATION NUMBER: PCT/US00/09054
; PRIOR FILING DATE: 2000-04-06
; PRIOR APPLICATION NUMBER: 09/288,461
; PRIOR FILING DATE: 1999-04-08
; NUMBER OF SEQ ID NOS: 402
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 372
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense oligonucleotide
US-10-486-312-372

```

```

Query Match      4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 2.1e+02;
Matches 15: Conservative 0; Mismatches 3; Indels 0; Gaps 0;

```

QY 703 TCCAGCGAGTCCCAGGAG 720
|||
Db 3 TCCAGCCAGACCCAGAAG 20

```

RESULT 277
US-10-487-331-37/c
; Sequence 37, Application US/10487331
; GENERAL INFORMATION:
; APPLICANT: Hess, John W.
; APPLICANT: Gould, Robert J.
; APPLICANT: Pettibone, Douglas J.
; TITLE OF INVENTION: TRANSGENIC RODENTS AS ANIMAL MODELS FOR
; TITLE OF INVENTION: MODULATION OF BI BRADYKININ RECEPTOR PROTEIN
; FILE REFERENCE: 20945YP
; CURRENT APPLICATION NUMBER: US/10/487,331
; CURRENT FILING DATE: 2004-02-19
; PRIOR APPLICATION NUMBER: PCT/US02/26368
; PRIOR FILING DATE: 2002-08-19
; PRIOR APPLICATION NUMBER: US 60/313,531
; PRIOR FILING DATE: 2001-08-20

```



```
; NUMBER OF SEQ ID NOS: 41
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 37
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide
US-10-487-331-37

Query Match      4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 2.1e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 869 GGAACACTTTTCCTGAGAT 886
      ||||| ||| ||| |||
Db 19 GGAACACGTACCCGAGAT 2

RESULT 278
US-10-487-331-39/c
; Sequence 39, Application US/10487331
; GENERAL INFORMATION:
; APPLICANT: Hess, John W.
; APPLICANT: Pettibone, Douglas J.
; TITLE OF INVENTION: TRANSGENIC RODENTS AS ANIMAL MODELS FOR
; FILE REFERENCE: 20945YP
; CURRENT APPLICATION NUMBER: US/10/487,331
; CURRENT FILING DATE: 2004-02-19
; PRIOR APPLICATION NUMBER: PCT/US02/26368
; PRIOR FILING DATE: 2002-08-19
; PRIOR APPLICATION NUMBER: US 60/313,531
; PRIOR FILING DATE: 2001-08-20
; NUMBER OF SEQ ID NOS: 41
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 39
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide
US-10-487-331-39

Query Match      4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 2.1e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 869 GGAACACTTTTCCTGAGAT 886
      ||||| ||| ||| |||
Db 19 GGAACACGTACCCGAGAT 2

RESULT 279
US-10-679-532-93
; Sequence 93, Application US/10679532
; GENERAL INFORMATION:
; APPLICANT: Dean, Nicholas M.
; APPLICANT: Karas, James G.
; APPLICANT: McKay, Robert
; APPLICANT: Manoharan, Muthiah
; TITLE OF INVENTION: ANTISENSE MODULATION OF INTERLEUKIN-5 SIGNAL
; FILE REFERENCE: ISPH-0537
; CURRENT APPLICATION NUMBER: US/10/679,532
; CURRENT FILING DATE: 2003-10-06
; PRIOR APPLICATION NUMBER: US/09/800,629A
; PRIOR FILING DATE: 2001-03-07
; PRIOR APPLICATION NUMBER: PCT/US00/07318
; PRIOR FILING DATE: 2000-03-17
; PRIOR APPLICATION NUMBER: 09/280,799
; PRIOR FILING DATE: 1999-03-26

; NUMBER OF SEQ ID NOS: 210
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 93
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-679-532-93

Query Match      4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 2.1e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 801 AGCTCTCTCCCAACTCAG 818
      ||||| ||| ||| |||
Db 3 AGCTGGCTCGAACTCAG 20

RESULT 280
US-10-796-307-44125/c
; Sequence 44125, Application US/10796307
; GENERAL INFORMATION:
; APPLICANT: CARGILL, Michele et al.
; TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
; TITLE OF INVENTION: MYOCARDIAL INFARCTION, METHODS OF DETECTION AND USES THEREOF
; FILE REFERENCE: CL001509
; CURRENT APPLICATION NUMBER: US/10/796,307
; CURRENT FILING DATE: 2004-03-10
; NUMBER OF SEQ ID NOS: 44201
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 44125
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
; OTHER INFORMATION:
US-10-796-307-44125

Query Match      4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 2.1e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 832 TCTTTTCTCTCTGAAGA 849
      ||||| ||| ||| |||
Db 18 TCTGTTCTCTCGGAACA 1

RESULT 281
US-10-708-951-29283
; Sequence 29283, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; TITLE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 29283
; LENGTH: 20
; TYPE: RNA
; ORGANISM: Homo sapiens
; OTHER INFORMATION:
US-10-708-951-29283

Query Match      4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 77.8%; Pred. No. 2.1e+02;
Matches 14; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 781 GCAGCCCTCTGGTGCCA 798
      ||||| ||| ||| |||
Db 2 GCAGGCCCTCGGUGCCA 19
```

```
RESULT 282
US-10-708-951-36052
; Sequence 36052, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; TITLE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 36052
; LENGTH: 20
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-36052

Query Match 4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 77.8%; Pred. No. 2.1e+02;
Matches 14; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

Qy 706 AGCGAGTCCCGAGAGT 723
|||||
Db 2 AGCGAGCCCGAGCGGGU 19

RESULT 283
US-10-708-951-43087
; Sequence 43087, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; TITLE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 43087
; LENGTH: 20
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-43087

Query Match 4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 77.8%; Pred. No. 2.1e+02;
Matches 14; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

Qy 706 AGCGAGTCCCGAGAGT 723
|||||
Db 2 AGCGAGCCCGAGCGGGU 19

RESULT 284
US-10-708-951-50561
; Sequence 50561, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; TITLE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 50561
; LENGTH: 20
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-50561

Query Match 4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 77.8%; Pred. No. 2.1e+02;
Matches 14; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

Qy 781 GCAGCCCTCTGTGGCCA 798
|||||
Db 2 GCAGGCCCGAGGCGCA 19

RESULT 285
US-10-852-797-107
; Sequence 107, Application US/10852797
; GENERAL INFORMATION:
; APPLICANT: Genomic Health, Inc.
; APPLICANT: Baker, Joffre D.
; APPLICANT: Miller, Kathy D.
; APPLICANT: Shak, Steven
; APPLICANT: Sledge, George
; APPLICANT: Soule, Sharon
; TITLE OF INVENTION: Gene Expression Markers for Predicting
; TITLE OF INVENTION: Response to Chemotherapy
; FILE REFERENCE: 39740-0010
; CURRENT APPLICATION NUMBER: US/10/852,797
; CURRENT FILING DATE: 2004-05-24
; PRIOR APPLICATION NUMBER: 60/473,970
; PRIOR FILING DATE: 2003-05-28
; NUMBER OF SEQ ID NOS: 372
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 107
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: reverse primer
US-10-852-797-107

Query Match 4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 2.1e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 860 GTCACGTTGGAACACTT 877
|||||
Db 2 GTCACGTTGGAACACTT 19

RESULT 286
US-10-857-715-108
; Sequence 108, Application US/10857715
; GENERAL INFORMATION:
; APPLICANT: Agus David
; APPLICANT: Baker Joffre
; APPLICANT: Natale Ron
; APPLICANT: Shak Steven
; TITLE OF INVENTION: Gene Expression Markers for Response to
; TITLE OF INVENTION: EGFR Inhibitors Drugs
; FILE REFERENCE: 39740/0011
; CURRENT APPLICATION NUMBER: US/10/857,715
; CURRENT FILING DATE: 2004-05-28
; PRIOR APPLICATION NUMBER: 60/474,908
; PRIOR FILING DATE: 2003-05-30
; NUMBER OF SEQ ID NOS: 232
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 108
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: reverse primer
US-10-857-715-108

Query Match 4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 2.1e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
Best Local Similarity 77.8%; Pred. No. 2.1e+02;
Matches 14; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

Qy 706 AGCGAGTCCCGAGAGT 723
|||||
Db 2 AGCGAGCCCGAGCGGGU 19

RESULT 285
US-10-852-797-107
; Sequence 107, Application US/10852797
; GENERAL INFORMATION:
; APPLICANT: Genomic Health, Inc.
; APPLICANT: Baker, Joffre D.
; APPLICANT: Miller, Kathy D.
; APPLICANT: Shak, Steven
; APPLICANT: Sledge, George
; APPLICANT: Soule, Sharon
; TITLE OF INVENTION: Gene Expression Markers for Predicting
; TITLE OF INVENTION: Response to Chemotherapy
; FILE REFERENCE: 39740-0010
; CURRENT APPLICATION NUMBER: US/10/852,797
; CURRENT FILING DATE: 2004-05-24
; PRIOR APPLICATION NUMBER: 60/473,970
; PRIOR FILING DATE: 2003-05-28
; NUMBER OF SEQ ID NOS: 372
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 107
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: reverse primer
US-10-852-797-107

Query Match 4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 2.1e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 860 GTCACGTTGGAACACTT 877
|||||
Db 2 GTCACGTTGGAACACTT 19

RESULT 286
US-10-857-715-108
; Sequence 108, Application US/10857715
; GENERAL INFORMATION:
; APPLICANT: Agus David
; APPLICANT: Baker Joffre
; APPLICANT: Natale Ron
; APPLICANT: Shak Steven
; TITLE OF INVENTION: Gene Expression Markers for Response to
; TITLE OF INVENTION: EGFR Inhibitors Drugs
; FILE REFERENCE: 39740/0011
; CURRENT APPLICATION NUMBER: US/10/857,715
; CURRENT FILING DATE: 2004-05-28
; PRIOR APPLICATION NUMBER: 60/474,908
; PRIOR FILING DATE: 2003-05-30
; NUMBER OF SEQ ID NOS: 232
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 108
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: reverse primer
US-10-857-715-108

Query Match 4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 2.1e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

Qy 860 GCTCCAGTTGGACACACTT 877
Db 2 GGTCAGGTGGAACACTT 19

RESULT 287
US-60-579-773-335
; Sequence 335, Application US/60579773
; GENERAL INFORMATION:
; APPLICANT: Dunlop, Charles
; APPLICANT: Kamesheidts, Anja
; TITLE OF INVENTION: APPROACHES TO IDENTIFYING MUTATIONS
; FILE REFERENCE: ASSOCIATED WITH HEREDITARY NONPOLYPOSIS COLORECTAL CANCER
; CURRENT APPLICATION NUMBER: US/60/579,773
; CURRENT FILING DATE: 2004-06-14
; NUMBER OF SEQ ID NOS: 429
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 335
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: diagnostic oligonucleotide
US-60-579-773-335

Query Match 4.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 2.1e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 919 TCATCACACACACCTCC 936
Db 3 TCATCACACCTCCCTCC 20

RESULT 288
US-10-807-114-150/c
; Sequence 150, Application US/10807114
; GENERAL INFORMATION:
; APPLICANT: Lyamichev, Victor
; APPLICANT: Allawi, Hatim
; APPLICANT: Dong, Fang
; APPLICANT: Neri, Bruce
; APPLICANT: Vener, Tatiana
; TITLE OF INVENTION: Nucleic Acid Accessible Hybridization Sites
; FILE REFERENCE: FORS-04586
; CURRENT APPLICATION NUMBER: US/10/807,114
; CURRENT FILING DATE: 2004-03-23
; PRIOR APPLICATION NUMBER: US/09/882,945
; PRIOR FILING DATE: 2001-06-15
; NUMBER OF SEQ ID NOS: 334
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 150
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-807-114-150

Query Match 4.5%; Score 13; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 955 AGAGCCAAATGA 967
Db 18 AGAGCCAAATGA 6

RESULT 289
US-10-364-412A-2468/c
; Sequence 2468, Application US/10364412A
; GENERAL INFORMATION:

; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Saccharomyces cerevisiae complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/364,412A
; CURRENT FILING DATE: 2003-02-12
; NUMBER OF SEQ ID NOS: 9208
; SOFTWARE: Proprietary
; SEQ ID NO 2468
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Saccharomyces cerevisiae complete genome.
; FEATURE:
; LOCATION: (236491)...(236507)
; OTHER INFORMATION: Chromosome = 4 Strand = negative ConnectronObjectNumber = 2169
US-10-364-412A-2468

Query Match 4.4%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 890 CTTACTTCTCAGCTTC 905
Db 17 CTTCTCTTCAGCTTC 2

RESULT 290
US-10-138-674B-6327/c
; Sequence 6327, Application US/10138674B
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Receptor
; FILE REFERENCE: MBHB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674B
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20829
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6327
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674B-6327

Query Match 4.4%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 821 TTGGCTGTGTCTCTTT 836
Db 16 TTCTCTGTGTCTCTTT 1

RESULT 291
PCT-US04-04452-2177
; Sequence 2177, Application PC/TUS0404452
; GENERAL INFORMATION:
; APPLICANT: Bardelli, Alberto
; APPLICANT: Parsons, Will
; APPLICANT: Velculescu, Victor
; APPLICANT: Kinzler, Kenneth W.
; APPLICANT: Vogelstein, Bert
; TITLE OF INVENTION: TYROSINE KINASES IMPLICATED IN CANCERS
; FILE REFERENCE: 001107.00327
; CURRENT APPLICATION NUMBER: PCT/US04/04452
; CURRENT FILING DATE: 2004-02-18
; NUMBER OF SEQ ID NOS: 2191
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 2177
; LENGTH: 18

```
; TYPE: DNA
; ORGANISM: Homo sapiens
PCT-US04-04452-2177

Query Match      4.4%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 2.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      817 AGGTTGGCTGTGCTC 832
Db      1 AGGTTGGCTGTGCTC 16

RESULT 292
PCT-US04-00528-62
; Sequence 62, Application PC/TUS0400528
; GENERAL INFORMATION:
; APPLICANT: Rothschild, Kenneth J.
; APPLICANT: Gite, Sadanand
; APPLICANT: Olejnik, Jerry
; APPLICANT: Lim, Mark
; TITLE OF INVENTION: Methods for the Detection, Analysis and Isolation of Nascent
; TITLE OF INVENTION: Proteins
; FILE REFERENCE: AMBER-07199
; CURRENT APPLICATION NUMBER: PCT/US04/00528
; CURRENT FILING DATE: 2004-01-09
; PRIOR APPLICATION NUMBER: 10/049,322
; PRIOR FILING DATE: 2002-06-21
; PRIOR APPLICATION NUMBER: PCT/US00/23233
; PRIOR FILING DATE: 2000-08-23
; PRIOR APPLICATION NUMBER: 09/382,736
; PRIOR FILING DATE: 1999-08-25
; NUMBER OF SEQ ID NOS: 84
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 62
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
PCT-US04-00528-62

Query Match      4.4%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 2.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      920 CATCACCACCACCCCTC 935
Db      1 CATCACCACCATCATC 16

RESULT 293
US-10-796-307-43865
; Sequence 43865, Application US/10796307
; GENERAL INFORMATION:
; APPLICANT: CARGILL, Michele et al.
; TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
; TITLE OF INVENTION: MYOCARDIAL INFARCTION, METHODS OF DETECTION AND USES THEREOF
; FILE REFERENCE: CLO01509
; CURRENT APPLICATION NUMBER: US/10/796,307
; CURRENT FILING DATE: 2004-03-10
; NUMBER OF SEQ ID NOS: 44201
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 43865
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-796-307-43865

Query Match      4.4%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 2.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      961 AAATTGACTCTCTTAA 976
Db      16 AAATAGACTCTCTTAA 1

RESULT 294
US-10-708-951-17921/c
; Sequence 17921, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; TITLE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 17921
; LENGTH: 18
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-17921

Query Match      4.4%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 2.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      961 AAATTGACTCTCTTAA 976
Db      16 AAATAGACTCTCTTAA 1

RESULT 295
US-10-708-951-37751/c
; Sequence 37751, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; TITLE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 37751
; LENGTH: 18
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-37751

Query Match      4.4%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 2.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      961 AAATTGACTCTCTTAA 976
Db      16 AAATAGACTCTCTTAA 1

RESULT 296
US-10-708-951-46712/c
; Sequence 46712, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; TITLE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 46712
; LENGTH: 18
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-796-307-43865

Query Match      4.4%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 2.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-46712

Query Match      4.4%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 2.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 961 AAATTGACTCTCTTAA 976
DB 16 AAATAGACTCTCTTAA 1

RESULT 297
US-10-491-654-16/c
; Sequence 16, Application US/10491654
; GENERAL INFORMATION:
; APPLICANT: SUGARU, Bijii
; APPLICANT: TSUCHIDA, Atsushi
; APPLICANT: YAMANAKA, Mitsuugu
; APPLICANT: TAJI, Mutsuo
; TITLE OF INVENTION: REMEDIES FOR LIFE STYLE-RELATED DISEASES OR CIBOPHOBIA
; TITLE OF INVENTION: AND METHOD OF SCREENING THE SAME
; FILE REFERENCE: 228328
; CURRENT APPLICATION NUMBER: US/10/491,654
; PRIOR FILING DATE: 2004-04-02
; PRIOR APPLICATION NUMBER: PCT/JP02/10250
; PRIOR FILING DATE: 2002-10-02
; PRIOR APPLICATION NUMBER: JP 2001-306872
; PRIOR FILING DATE: 2001-10-02
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: PatentIn Ver. 3.1
; SEQ ID NO 16
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Antisense strand oligonucleotide designed to construct linker
; OTHER INFORMATION: Containing nucleotide sequence encoding 6xHis-tag peptide
; OTHER INFORMATION: sequence.
US-10-491-654-16

Query Match      4.4%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 2.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 915 ATTATCATCACCACCA 930
DB 17 ATCATCATCACCACCA 2

RESULT 298
US-10-476-021-6/c
; Sequence 6, Application US/10476021
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF TUMOR NECROSIS FACTOR RECEPTOR 2 EXPRESSION
; FILE REFERENCE: RTS-0216
; CURRENT APPLICATION NUMBER: US/10/476,021
; CURRENT FILING DATE: 2003-10-24
; PRIOR APPLICATION NUMBER: US/09/844,634
; PRIOR FILING DATE: 2001-04-27
; NUMBER OF SEQ ID NOS: 174
; SEQ ID NO 6
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR Probe
US-10-476-021-6

Query Match      4.4%; Score 12.8; DB 1; Length 19;
```

```
Best Local Similarity 87.5%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 778 AGGGCAGCCCTCTGG 793
DB 17 AGGGCAGCCCTCTGG 2

RESULT 299
US-10-433-542A-26/c
; Sequence 26, Application US/10433542A
; GENERAL INFORMATION:
; APPLICANT: Clawson, Gary A.
; APPLICANT: Fan, Wei-Hua
; TITLE OF INVENTION: SELECTION OF CATALYTIC NUCLEIC ACIDS
; TITLE OF INVENTION: TARGETED TO INFECTIOUS AGENTS
; FILE REFERENCE: 14017-007US1
; CURRENT APPLICATION NUMBER: US/10/433,542A
; CURRENT FILING DATE: 2003-06-04
; PRIOR APPLICATION NUMBER: PCT/US01/46178
; PRIOR FILING DATE: 2001-12-07
; PRIOR APPLICATION NUMBER: US 60/251,810
; PRIOR FILING DATE: 2000-12-07
; NUMBER OF SEQ ID NOS: 104
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 26
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthetically generated oligonucleotide
US-10-433-542A-26

Query Match      4.4%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 745 TAGGGTCCCGAGGTCC 760
DB 16 TAGGGTCCCGAGGTCC 1

RESULT 300
PCT-US04-03544-90
; Sequence 90, Application PC/TUS0403544
; GENERAL INFORMATION:
; APPLICANT: University of Massachusetts et al.
; TITLE OF INVENTION: RNAI TARGETING OF VIRUSES
; FILE REFERENCE: UMY-079PC
; CURRENT APPLICATION NUMBER: PCT/US04/03544
; CURRENT FILING DATE: 2004-02-05
; PRIOR APPLICATION NUMBER: 60/445306
; PRIOR FILING DATE: 2003-02-05
; NUMBER OF SEQ ID NOS: 183
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 90
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Cytomegalovirus
; FEATURE:
; OTHER INFORMATION: siRNA target sequence
PCT-US04-03544-90

Query Match      4.3%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 2.6e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 956 GAGCCAAATGACTCTCTA 974
DB 1 GAGCCAAAGAGACTATCTA 19

RESULT 301
```

```
PCT-US03-03662A-13
; Sequence 13, Application PC/TUS0303662A
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; APPLICANT: Thompson, James
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Cyclin D1 Gene Expression
; FILE REFERENCE: 02-1005-A (400/083)
; CURRENT APPLICATION NUMBER: PCT/US03/03662A
; CURRENT FILING DATE: 2003-02-06
; PRIOR APPLICATION NUMBER: US 60/411,275
; PRIOR FILING DATE: 2002-09-17
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 530
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 13
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
PCT-US03-03662A-13

Query Match          4.3%; Score 12.6; DB 1; Length 19;
Best Local Similarity 63.2%; Pred. No. 2.6e+02;
Matches 12; Conservative 3; Mismatches 4; Indels 0; Gaps 0;

QY 782 CAGCCCTCTGCTGCGCAAG 800
    |||||:::|::|::|::|::|
Db 1 CAGCUCUGUGCGGCGAAG 19

RESULT 302
PCT-US03-03662A-252/c
; Sequence 252, Application PC/TUS0303662A
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; APPLICANT: Thompson, James
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Cyclin D1 Gene Expression
; FILE REFERENCE: 02-1005-A (400/083)
; CURRENT APPLICATION NUMBER: PCT/US03/03662A
; CURRENT FILING DATE: 2003-02-06
; PRIOR APPLICATION NUMBER: US 60/411,275
; PRIOR FILING DATE: 2002-09-17
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; NUMBER OF SEQ ID NOS: 530
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 13
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
PCT-US03-03662A-13

Query Match          4.3%; Score 12.6; DB 1; Length 19;
Best Local Similarity 63.2%; Pred. No. 2.6e+02;
Matches 12; Conservative 3; Mismatches 4; Indels 0; Gaps 0;

QY 782 CAGCCCTCTGCTGCGCAAG 800
    |||||:::|::|::|::|::|
Db 1 CAGCUCUGUGCGGCGAAG 19

RESULT 302
PCT-US03-03662A-252/c
; Sequence 252, Application PC/TUS0303662A
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; APPLICANT: Thompson, James
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Cyclin D1 Gene Expression
; FILE REFERENCE: 02-1005-A (400/083)
; CURRENT APPLICATION NUMBER: PCT/US03/03662A
; CURRENT FILING DATE: 2003-02-06
; PRIOR APPLICATION NUMBER: US 60/411,275
; PRIOR FILING DATE: 2002-09-17
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; NUMBER OF SEQ ID NOS: 530
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 13
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
PCT-US03-03662A-13
```

```
PCT-US03-03662A-13
; Sequence 13, Application PC/TUS0303662A
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; APPLICANT: Thompson, James
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Cyclin D1 Gene Expression
; FILE REFERENCE: 02-1005-A (400/083)
; CURRENT APPLICATION NUMBER: PCT/US03/03662A
; CURRENT FILING DATE: 2003-02-06
; PRIOR APPLICATION NUMBER: US 60/411,275
; PRIOR FILING DATE: 2002-09-17
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; NUMBER OF SEQ ID NOS: 530
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 13
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
PCT-US03-03662A-252

Query Match          4.3%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 2.6e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 782 CAGCCCTCTGCTGCGCAAG 800
    |||||:::|::|::|::|::|
Db 19 CAGCTCTGCTGCTGCGAAG 1

RESULT 303
PCT-US03-05234-76/c
; Sequence 76, Application PC/TUS0305234
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Chowrira, Bharat
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: Gene Expression Using Short Interfering Nucleic Acid (siNA)
; FILE REFERENCE: 400/106 (MHB03-026-A)
; CURRENT APPLICATION NUMBER: PCT/US03/05234
; CURRENT FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/404,039
; PRIOR FILING DATE: 2002-08-15
; PRIOR APPLICATION NUMBER: US 60/439,922
; PRIOR FILING DATE: 2003-01-14
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 1705
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 76
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
PCT-US03-05234-76

Query Match          4.3%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 2.6e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 757 GTCCCTAGGCTCCACTTC 775
    |||||:::|::|::|::|::|
Db 19 GGCCTTGGCTCCCTCCCTTC 1

RESULT 304
```



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; LENGTH: 19
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-44939

Query Match          4.3%; Score 12.6; DB 1; Length 19;
Best Local Similarity 68.4%; Pred. No. 2.6e+02;
Matches 13; Conservative 2; Mismatches 4; Indels 0; Gaps 0;

QY 737 GGACTTGCTAGGTCCTAGG 755
Db 1 GGACUUGGGCGGACACAG 19

RESULT 313
US-10-683-990-92/c
; Sequence 92, Application US/10683990
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics
; APPLICANT: McSwiggen, James
; APPLICANT: Usman, Nassim
; APPLICANT: Pavco, Pamela
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Placental Growth Factor
; FILE REFERENCE: 400/134 (02-742-H)
; CURRENT APPLICATION NUMBER: US/10/683,990
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: US 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 256
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 92
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-683-990-189

Query Match          4.3%; Score 12.6; DB 1; Length 19;
Best Local Similarity 68.4%; Pred. No. 2.6e+02;
Matches 13; Conservative 2; Mismatches 4; Indels 0; Gaps 0;

QY 747 GGGTCCAGGGTCCTAGG 765
Db 1 GGGUCCAGGGCCUUGGG 19

RESULT 315
US-10-848-922-85
; Sequence 85, Application US/10848922
; GENERAL INFORMATION:
; APPLICANT: Weisburg, William G.
; APPLICANT: Bungo, Jennifer J.
; TITLE OF INVENTION: Compositions, Methods and Kits for Determining the Presence of
; FILE REFERENCE: GPI42-02.UT
; CURRENT APPLICATION NUMBER: US/10/848,922
; CURRENT FILING DATE: 2004-05-18
; PRIOR APPLICATION NUMBER: 60/472,028
; PRIOR FILING DATE: 2003-05-19
; NUMBER OF SEQ ID NOS: 105
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 85
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Trichomonas vaginalis
US-10-848-922-85

Query Match          4.3%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 2.6e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 785 CCCCTCTGGTCCAGGAC 803
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; CURRENT APPLICATION NUMBER: US/10/848,922
; CURRENT FILING DATE: 2004-05-18
; PRIOR APPLICATION NUMBER: 60/472,028
; PRIOR FILING DATE: 2003-05-19
; NUMBER OF SEQ ID NOS: 105
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 88
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: RNA equivalent of Trichomonas vaginalis DNA
US-10-848-922-88

Query Match 4.3%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 2.6e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 785 CCCCTCTGGTCCCAAGC 803
DB 19 CCAGTCTGGTCCCAAGC 1

RESULT 319
US-10-708-951-24365
; Sequence 24365, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATICAALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 24365
; LENGTH: 14
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-24365

Query Match 4.3%; Score 12.4; DB 1; Length 14;
Best Local Similarity 71.4%; Pred. No. 1.8e+02;
Matches 10; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 787 CCTCTGGTGGCCCAAG 800
DB 1 CCUCUGUGCCCAAG 14

RESULT 320
US-10-708-951-28086
; Sequence 28086, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATICAALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 28086
; LENGTH: 14
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-28086

Query Match 4.3%; Score 12.4; DB 1; Length 14;
Best Local Similarity 71.4%; Pred. No. 1.8e+02;
Matches 10; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 787 CCTCTGGTGGCCCAAG 800

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; CURRENT APPLICATION NUMBER: US/10/848,922
; CURRENT FILING DATE: 2004-05-18
; PRIOR APPLICATION NUMBER: 60/472,028
; PRIOR FILING DATE: 2003-05-19
; NUMBER OF SEQ ID NOS: 105
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 86
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Trichomonas vaginalis
US-10-848-922-86

Query Match 4.3%; Score 12.6; DB 1; Length 19;
Best Local Similarity 63.2%; Pred. No. 2.6e+02;
Matches 12; Conservative 3; Mismatches 4; Indels 0; Gaps 0;

QY 785 CCCCTCTGGTCCCAAGC 803
DB 1 CCAGTCTGGTCCCAAGC 19

RESULT 317
US-10-848-922-87/c
; Sequence 87, Application US/10848922
; GENERAL INFORMATION:
; APPLICANT: Weisburg, William G.
; TITLE OF INVENTION: Compositions, Methods and Kits for Determining the Presence of
; FILE REFERENCE: GP142-02.UT
; CURRENT APPLICATION NUMBER: US/10/848,922
; CURRENT FILING DATE: 2004-05-18
; PRIOR APPLICATION NUMBER: 60/472,028
; PRIOR FILING DATE: 2003-05-19
; NUMBER OF SEQ ID NOS: 105
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 87
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Trichomonas vaginalis
US-10-848-922-87/c

Query Match 4.3%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 2.6e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 785 CCCCTCTGGTCCCAAGC 803
DB 19 CCAGTCTGGTCCCAAGC 1

RESULT 318
US-10-848-922-88/c
; Sequence 88, Application US/10848922
; GENERAL INFORMATION:
; APPLICANT: Weisburg, William G.
; TITLE OF INVENTION: Compositions, Methods and Kits for Determining the Presence of
; FILE REFERENCE: GP142-02.UT

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Db      1 CCUCUGUCCCAAG 14
|||||
RESULT 321
US-10-708-951-32707
; Sequence 32707, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 32707
; LENGTH: 14
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-32707

Query Match      4.3%; Score 12.4; DB 1; Length 14;
Best Local Similarity 71.4%; Pred. No. 1.8e+02;
Matches 10; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY      787 CCTCTGGTGCCCAAG 800
|||||
Db      1 CCUCUGUCCCAAG 14
|||||

RESULT 322
US-10-708-951-49356
; Sequence 49356, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 49356
; LENGTH: 14
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-49356

Query Match      4.3%; Score 12.4; DB 1; Length 14;
Best Local Similarity 71.4%; Pred. No. 1.8e+02;
Matches 10; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY      787 CCTCTGGTGCCCAAG 800
|||||
Db      1 CCUCUGUCCCAAG 14
|||||

RESULT 323
US-09-486-623C-19
; Sequence 19, Application US/09486623C
; GENERAL INFORMATION:
; APPLICANT: Nielsen, Peter E.
; TITLE OF INVENTION: Peptide Nucleic Acids Having Antibacterial Activity
; FILE REFERENCE: ISIS-3292
; CURRENT APPLICATION NUMBER: US/09/486,623C
; CURRENT FILING DATE: 2000-07-06
; PRIOR APPLICATION NUMBER: 08/932,140
; PRIOR FILING DATE: 1997-09-16
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 19
; LENGTH: 15

QY      787 CCTCTGGTGCCCAAG 800
|||||
Db      1 CCUCUGUCCCAAG 14
|||||

RESULT 324
US-10-708-951-23402
; Sequence 23402, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 23402
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-23402

Query Match      4.3%; Score 12.4; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 2e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      830 TCTCTTTTCTTCTCT 844
|||||
Db      1 TCTCTTTTCTTCTCT 15
|||||

RESULT 325
US-10-708-951-28746
; Sequence 28746, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 28746
; LENGTH: 15
; TYPE: RNA
US-10-708-951-28746

Query Match      4.3%; Score 12.4; DB 1; Length 15;
Best Local Similarity 71.4%; Pred. No. 2e+02;
Matches 10; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY      787 CCTCTGGTGCCCAAG 800
|||||
Db      1 CCUCUGUCCCAAG 14
|||||
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; ORGANISM: Homo sapiens
US-10-708-951-28746

Query Match      4.3%; Score 12.4; DB 1; Length 15;
Best Local Similarity 71.4%; Pred. No. 2e+02;
Matches 10; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

Qy 787 CCTCTGGTGCCAG 800
Db 1 CCUCUGUGCCAG 14

RESULT 326
US-10-708-951-33433
; Sequence 33433, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; TITLE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 33433
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-33433

Query Match      4.3%; Score 12.4; DB 1; Length 15;
Best Local Similarity 71.4%; Pred. No. 2e+02;
Matches 10; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

Qy 787 CCTCTGGTGCCAG 800
Db 1 CCUCUGUGCCAG 14

RESULT 327
US-10-708-951-49357
; Sequence 49357, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; TITLE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 49357
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-49357

Query Match      4.3%; Score 12.4; DB 1; Length 15;
Best Local Similarity 71.4%; Pred. No. 2e+02;
Matches 10; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

Qy 787 CCTCTGGTGCCAG 800
Db 1 CCUCUGUGCCAG 14

RESULT 328
US-10-708-951-10332876A-12
; Sequence 12, Application US/10332876A
; GENERAL INFORMATION:
; APPLICANT: Altevo, Peter
; APPLICANT: Fogel, Mina
; TITLE OF INVENTION: Diagnostic and Therapeutic Methods Based on the L1 Adhesion

; ORGANISM: Homo sapiens
US-10-708-951-28746

Query Match      4.3%; Score 12.4; DB 1; Length 15;
Best Local Similarity 71.4%; Pred. No. 2e+02;
Matches 10; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

Qy 787 CCTCTGGTGCCAG 800
Db 1 CCUCUGUGCCAG 14

RESULT 329
US-10-708-951-22591
; Sequence 22591, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; TITLE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 22591
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-22591

Query Match      4.3%; Score 12.4; DB 1; Length 16;
Best Local Similarity 92.9%; Pred. No. 2.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 711 GTCCAGGAGAGTG 724
Db 3 GTCCCTGGAGAGTG 16

RESULT 330
US-10-708-951-42974
; Sequence 42974, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; TITLE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 42974
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-42974

Query Match      4.3%; Score 12.4; DB 1; Length 17;
Best Local Similarity 71.4%; Pred. No. 2.4e+02;
Matches 10; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

Qy 787 CCTCTGGTGCCAG 800
Db 1 CCUCUGUGCCAG 14

RESULT 331
US-10-708-951-42974
; Sequence 42974, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; TITLE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 42974
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-42974

Query Match      4.3%; Score 12.4; DB 1; Length 17;
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; OTHER INFORMATION: Reverse Primer
PCT-US03-41761-13852

Query Match          4.3%; Score 12.4; DB 1; Length 18;
Best Local Similarity 92.9%; Pred. No. 2.6e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      859 GGCTCCAGTTGGAA 872
      |||||
Db      18 GGCTCCAGTGGGAA 5

RESULT 333
PCT-US03-41761-13852/c
; Sequence 13852, Application PC/TUS0341761
; GENERAL INFORMATION:
; APPLICANT: MMI GENOMICS, INC.
; APPLICANT: DENISE, Sue K.
; APPLICANT: CHARTERIS, Paul
; APPLICANT: ROSENFELD, David
; APPLICANT: HOLM, Tom
; APPLICANT: BATES, Stephen
; TITLE OF INVENTION: COMPOSITIONS, METHODS, AND SYSTEMS FOR INFERRING BOVINE BREED
; FILE REFERENCE: MM1150W0
; CURRENT APPLICATION NUMBER: PCT/US03/41761
; CURRENT FILING DATE: 2003-12-31
; PRIOR APPLICATION NUMBER: US 60/437,482
; PRIOR FILING DATE: 2002-12-31
; NUMBER OF SEQ ID NOS: 64922
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 13852
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Reverse Primer
PCT-US03-41761-13852

Query Match          4.3%; Score 12.4; DB 1; Length 18;
Best Local Similarity 92.9%; Pred. No. 2.6e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      859 GGCTCCAGTTGGAA 872
      |||||
Db      18 GGCTCCAGTGGGAA 5

RESULT 334
PCT-US03-41766A-13852/c
; Sequence 13852, Application PC/TUS0341766A
; GENERAL INFORMATION:
; APPLICANT: MMI GENOMICS, INC.
; APPLICANT: DENISE, Sue K.
; APPLICANT: KERR, Richard
; APPLICANT: ROSENFELD, David
; APPLICANT: HOLM, Tom
; APPLICANT: BATES, Stephen
; APPLICANT: FANTIN, Dennis
; TITLE OF INVENTION: COMPOSITIONS, METHODS AND SYSTEMS FOR INFERRING BOVINE TRAITS
; FILE REFERENCE: MM11100W0
; CURRENT APPLICATION NUMBER: PCT/US03/41766A
; CURRENT FILING DATE: 2003-12-31
; PRIOR APPLICATION NUMBER: US 60/437,482
; PRIOR FILING DATE: 2002-12-31
; NUMBER OF SEQ ID NOS: 64922
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 13852
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Reverse Primer
PCT-US03-41766A-13852

```

Query Match 4.3%; Score 12.4; DB 1; Length 18;
 Best Local Similarity 92.9%; Pred. No. 2.6e+02;
 Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 859 GCTCCAGTGGAA 872
 |||||
 Db 18 GCTCCAGTGGAA 5

RESULT 335
 PCT-US03-37831-93

; Sequence 93, Application PC/TUS0337831
 ; GENERAL INFORMATION:
 ; APPLICANT: Sequenom, Inc.
 ; APPLICANT: Roth, Richard B.
 ; APPLICANT: Nelson, Matthew Roberts
 ; APPLICANT: Braun, Andreas
 ; APPLICANT: Kammerer, Stefan M.
 ; APPLICANT: Reneland, Rikard
 ; TITLE OF INVENTION: METHODS FOR IDENTIFYING RISK OF BREAST
 ; TITLE OF INVENTION: CANCER AND TREATMENTS THEREOF
 ; FILE REFERENCE: 524592008540
 ; CURRENT APPLICATION NUMBER: PCT/US03/37831
 ; CURRENT FILING DATE: 2003-11-25
 ; PRIOR APPLICATION NUMBER: 60/429,136
 ; PRIOR FILING DATE: 2002-11-25
 ; PRIOR APPLICATION NUMBER: 60/490,234
 ; PRIOR FILING DATE: 2003-07-24
 ; NUMBER OF SEQ ID NOS: 108
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 93
 ; LENGTH: 18
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Primer
 PCT-US03-37831-93

Query Match 4.3%; Score 12.4; DB 1; Length 18;
 Best Local Similarity 92.9%; Pred. No. 2.6e+02;
 Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 865 AGTGGAACTTT 878
 |||||
 Db 4 AGTGGAACTTT 17

RESULT 336

US-10-708-951-19514/c
 ; Sequence 19514, Application US/10708951
 ; GENERAL INFORMATION:
 ; APPLICANT: ROSETTA GENOMICS LTD
 ; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
 ; TITLE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF
 ; FILE REFERENCE: 55034
 ; CURRENT APPLICATION NUMBER: US/10708,951
 ; CURRENT FILING DATE: 2004-04-02
 ; NUMBER OF SEQ ID NOS: 59824
 ; SOFTWARE: PatentIn version 3.2
 ; SEQ ID NO 19514
 ; LENGTH: 18
 ; TYPE: RNA
 ; ORGANISM: Homo sapiens
 US-10-708-951-19514

Query Match 4.3%; Score 12.4; DB 1; Length 18;
 Best Local Similarity 92.9%; Pred. No. 2.6e+02;
 Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 824 GCTGTCTCTTT 837
 |||||
 Db 14 GCTGTCTCTTT 1

RESULT 337

US-10-708-951-23337
 ; Sequence 23337, Application US/10708951
 ; GENERAL INFORMATION:
 ; APPLICANT: ROSETTA GENOMICS LTD
 ; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
 ; TITLE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF
 ; FILE REFERENCE: 55034
 ; CURRENT APPLICATION NUMBER: US/10708,951
 ; CURRENT FILING DATE: 2004-04-02
 ; NUMBER OF SEQ ID NOS: 59824
 ; SOFTWARE: PatentIn version 3.2
 ; SEQ ID NO 23337
 ; LENGTH: 18
 ; TYPE: RNA
 ; ORGANISM: Homo sapiens
 US-10-708-951-23337

Query Match 4.3%; Score 12.4; DB 1; Length 18;
 Best Local Similarity 71.4%; Pred. No. 2.6e+02;
 Matches 10; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

Qy 787 CCTCTGTGCGCAAG 800
 |||||
 Db 1 CCUCUGUGCGCAAG 14

RESULT 338

US-10-708-951-40182/c
 ; Sequence 40182, Application US/10708951
 ; GENERAL INFORMATION:
 ; APPLICANT: ROSETTA GENOMICS LTD
 ; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
 ; TITLE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF
 ; FILE REFERENCE: 55034
 ; CURRENT APPLICATION NUMBER: US/10708,951
 ; CURRENT FILING DATE: 2004-04-02
 ; NUMBER OF SEQ ID NOS: 59824
 ; SOFTWARE: PatentIn version 3.2
 ; SEQ ID NO 40182
 ; LENGTH: 18
 ; TYPE: RNA
 ; ORGANISM: Homo sapiens
 US-10-708-951-40182

Query Match 4.3%; Score 12.4; DB 1; Length 18;
 Best Local Similarity 92.9%; Pred. No. 2.6e+02;
 Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 824 GCTGTCTCTTT 837
 |||||
 Db 14 GCTGTCTCTTT 1

RESULT 339

US-10-708-951-42975
 ; Sequence 42975, Application US/10708951
 ; GENERAL INFORMATION:
 ; APPLICANT: ROSETTA GENOMICS LTD
 ; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
 ; TITLE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF
 ; FILE REFERENCE: 55034
 ; CURRENT APPLICATION NUMBER: US/10708,951
 ; CURRENT FILING DATE: 2004-04-02
 ; NUMBER OF SEQ ID NOS: 59824
 ; SOFTWARE: PatentIn version 3.2
 ; SEQ ID NO 42975
 ; LENGTH: 18
 ; TYPE: RNA
 ; ORGANISM: Homo sapiens

Query Match 4.3%; Score 12.4; DB 1; Length 18;
Best Local Similarity 71.4%; Pred. No. 2.6e+02;
Matches 10; Conservative 3; Mismatches 1; Indels 0; Gaps 0;
QY 787 CCTCTGGTGCAG 800
Db 1 CCUCUGGCCAG 14
RESULT 340
US-10-661-165-183/c
; Sequence 183, Application US/10661165
; GENERAL INFORMATION:
; APPLICANT: Dhallan, Ravinder S.
; TITLE OF INVENTION: METHODS FOR DETECTION OF GENETIC
; DISORDERS
; FILE REFERENCE: 5431200420
; CURRENT APPLICATION NUMBER: US/10/661,165
; PRIOR FILING DATE: 2003-09-11
; PRIOR APPLICATION NUMBER: PCT/US03/06198
; PRIOR FILING DATE: 2003-02-28
; PRIOR APPLICATION NUMBER: US 60/378,354
; PRIOR FILING DATE: 2002-05-08
; PRIOR APPLICATION NUMBER: US 10/093,618
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/360,232
; PRIOR FILING DATE: 2002-03-01
; PRIOR APPLICATION NUMBER: PCT/US03/27308
; PRIOR FILING DATE: 2003-08-29
; PRIOR APPLICATION NUMBER: US 10/376,770
; PRIOR FILING DATE: 2003-02-28
; NUMBER OF SEQ ID NOS: 628
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 183
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (5)...(9)
; OTHER INFORMATION: These nucleotides may be absent
US-10-661-165-183
Query Match 4.3%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 2.8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 829 GTCTCTTTCTTCT 842
Db 16 GTCTCTTTCTTCT 3
RESULT 341
US-10-667-271-647
; Sequence 647, Application US/10667271
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics
; APPLICANT: McSwiggen, James
; APPLICANT: Macejak, Dennis
; APPLICANT: Beigelman, Leonid
; APPLICANT: Morrissey, David
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis C Virus (HCV)
; FILE REFERENCE: 400/129 (MBH02-763B)
; CURRENT APPLICATION NUMBER: US/10/667,271
; CURRENT FILING DATE: 2003-09-16
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT / US03/05043
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US/10/667,271
; CURRENT FILING DATE: 2003-09-16
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT / US03/05043
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT / US02/09187
; PRIOR FILING DATE: 2002-03-26

PRIOR APPLICATION NUMBER: USSN 60/401,104
PRIOR FILING DATE: 2002-08-05
PRIOR APPLICATION NUMBER: USSN 60/358,580
PRIOR FILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: USSN 60/363,124
PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: USSN 60/386,782
PRIOR FILING DATE: 2002-06-06
PRIOR APPLICATION NUMBER: USSN 60/406,784
PRIOR FILING DATE: 2002-08-29
PRIOR APPLICATION NUMBER: USSN 60/408,378
PRIOR FILING DATE: 2002-09-05
PRIOR APPLICATION NUMBER: USSN 60/409,293
PRIOR FILING DATE: 2002-09-09
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 1705
SOFTWARE: PatentIn version 3.2
SEQ ID NO 647
LENGTH: 19
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense re
US-10-667-271-647
Query Match 4.3%; Score 12.4; DB 1; Length 19;
Best Local Similarity 71.4%; Pred. No. 2.8e+02;
Matches 10; Conservative 3; Mismatches 1; Indels 0; Gaps 0;
QY 854 GTCTGGCTCCAGT 867
Db 2 GACCUGCCUCCAGU 15
RESULT 342
US-10-667-271-652
; Sequence 852, Application US/10667271
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics
; APPLICANT: McSwiggen, James
; APPLICANT: Macejak, Dennis
; APPLICANT: Beigelman, Leonid
; APPLICANT: Morrissey, David
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis C Virus (HCV)
; FILE REFERENCE: 400/129 (MBH02-763B)
; CURRENT APPLICATION NUMBER: US/10/667,271
; CURRENT FILING DATE: 2003-09-16
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT / US03/05043
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT / US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: USSN 60/401,104
; PRIOR FILING DATE: 2002-08-05
; PRIOR APPLICATION NUMBER: USSN 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: USSN 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: USSN 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: USSN 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: USSN 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: USSN 60/409,293
; PRIOR FILING DATE: 2002-09-09
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 1705
SOFTWARE: PatentIn version 3.2
SEQ ID NO 652
LENGTH: 19

```

; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE: Description of Artificial Sequence: Target Sequence/siNA sense region
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense region
US-10-667-271-652

```

```

Query Match      4.3%; Score 12.4; DB 1; Length 19;
Best Local Similarity 71.4%; Pred. No. 2.8e+02;
Matches 10; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

```

```

QY      854  GTCCTGGCTCCAGT 867
          |||:|||||:
Db       3  GACCTGGCTCCAGU 16

```

RESULT 343

```

US-10-667-271-1343/c
; Sequence 1343, Application US/10667271
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics
; APPLICANT: McSwiggen, James
; APPLICANT: Macejak, Dennis
; APPLICANT: Beigelman, Leonid
; APPLICANT: Morrissey, David
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis C Virus (HCV)
; FILE REFERENCE: 400/129 (WBHB02-763B)
; CURRENT APPLICATION NUMBER: US/10/667,271
; CURRENT FILING DATE: 2003-09-16
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT / US03/05043
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT / US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: USSN 60/401,104
; PRIOR FILING DATE: 2002-08-05
; PRIOR APPLICATION NUMBER: USSN 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: USSN 60/363,124
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: USSN 60/406,784
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: USSN 60/409,293
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 1705
; SOFTWARE: Patent in version 3.2
; SEQ ID NO 1343
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-667-271-1343

```

```

Query Match      4.3%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 2.8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

QY      854  GTCCTGGCTCCAGT 867
          |||:|||||:
Db       18 GACCTGGCTCCAGT 5

```

RESULT 344

```

US-10-667-271-1348/c
; Sequence 1348, Application US/10667271
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics
; APPLICANT: McSwiggen, James
; APPLICANT: Macejak, Dennis
; APPLICANT: Beigelman, Leonid
; APPLICANT: Morrissey, David
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis C Virus (HCV)
; FILE REFERENCE: 400/129 (WBHB02-763B)
; CURRENT APPLICATION NUMBER: US/10/667,271
; CURRENT FILING DATE: 2003-09-16
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT / US03/05043
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT / US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: USSN 60/401,104
; PRIOR FILING DATE: 2002-08-05
; PRIOR APPLICATION NUMBER: USSN 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: USSN 60/363,124
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: USSN 60/406,784
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: USSN 60/409,293
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 1705
; SOFTWARE: Patent in version 3.2
; SEQ ID NO 1343
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-667-271-1348

```

```

Query Match      4.3%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 2.8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

QY      854  GTCCTGGCTCCAGT 867
          |||:|||||:
Db       18 GACCTGGCTCCAGT 5

```

RESULT 345

```

US-10-667-271-1348/c
; Sequence 1348, Application US/10667271
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics
; APPLICANT: McSwiggen, James
; APPLICANT: Macejak, Dennis
; APPLICANT: Beigelman, Leonid
; APPLICANT: Morrissey, David
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis C Virus (HCV)
; FILE REFERENCE: 400/129 (WBHB02-763B)
; CURRENT APPLICATION NUMBER: US/10/667,271
; CURRENT FILING DATE: 2003-09-16
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT / US03/05043
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT / US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: USSN 60/401,104
; PRIOR FILING DATE: 2002-08-05
; PRIOR APPLICATION NUMBER: USSN 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: USSN 60/363,124
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: USSN 60/406,784
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: USSN 60/409,293
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 1705
; SOFTWARE: Patent in version 3.2
; SEQ ID NO 1343
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-667-271-1348

```

```

Query Match      4.3%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 2.8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

; APPLICANT: Sirna Therapeutics
; APPLICANT: McSwiggen, James
; APPLICANT: Macejak, Dennis
; APPLICANT: Beigelman, Leonid
; APPLICANT: Morrissey, David
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis C Virus (HCV)
; FILE REFERENCE: 400/129 (WBHB02-763B)
; CURRENT APPLICATION NUMBER: US/10/667,271
; CURRENT FILING DATE: 2003-09-16
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT / US03/05043
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT / US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: USSN 60/401,104
; PRIOR FILING DATE: 2002-08-05
; PRIOR APPLICATION NUMBER: USSN 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: USSN 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: USSN 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: USSN 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: USSN 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: USSN 60/409,293
; PRIOR FILING DATE: 2002-09-09
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 1705
; SOFTWARE: Patent in version 3.2
; SEQ ID NO 1348
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-667-271-1348

```

```

Query Match      4.3%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 2.8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

QY      854  GTCCTGGCTCCAGT 867
          |||:|||||:
Db       17 GACCTGGCTCCAGT 4

```

RESULT 345

```

US-60-568-846-3839/c
; Sequence 3839, Application US/60568846
; GENERAL INFORMATION:
; APPLICANT: CARGILL, Michele et al.
; TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH LIVER FIBROSIS IN HEPATITIS C VIRUS-INFECTED SUBJECTS, METHODS OF DETECTION AND USES THEREOF
; FILE REFERENCE: CL001519
; CURRENT APPLICATION NUMBER: US/60/568,846
; CURRENT FILING DATE: 2004-05-07
; NUMBER OF SEQ ID NOS: 3848
; SOFTWARE: FASTSEQ for Windows Version 4.0
; SEQ ID NO 3839
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
US-60-568-846-3839

```

```

Query Match      4.3%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 2.8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

QY      854  GTCCTGGCTCCAGT 867
          |||:|||||:
Db       18 GACCTGGCTCCAGT 5

```


QY 832 TCTTTTCTCTG 845
Db 18 TCTTTTCTCTG 5

RESULT 346
US-09-490-324-7
; Sequence 7, Application US/09490324
; GENERAL INFORMATION:
; APPLICANT: Knappik, Achim
; Pack, Peter
; Ilag, Vic
; Ge, Liming
; Moroney, Simon
; Pluckthun, Andreas
; TITLE OF INVENTION: Protein/(Poly)peptide libraries
; NUMBER OF SEQUENCES: 373
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: James F. Haley, Jr., Esq. c/o Fish & Neave
; STREET: 1251 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: USA
; ZIP: 10021
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/490,324
; FILING DATE: 24-Jan-2000
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/025,769
; FILING DATE: 18-FEB-1998
; APPLICATION NUMBER: EP 95 11 3021.0
; FILING DATE: 18-AUG-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: James F. Haley, Jr., Esq.
; REGISTRATION NUMBER: 27,794
; REFERENCE/DOCKET NUMBER: MORPHO/5
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212)596-9000
; TELEFAX: (212)596-9090
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "synthetic oligonucleotide"
; SEQUENCE DESCRIPTION: SEQ ID NO: 7:
US-09-490-324-7

Query Match 4.2%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 753 CAGGGTCCCTAGGCCTC 769
Db 1 CAGGGTCCCTAGGCCTC 17

RESULT 347
US-10-708-951-36218
; Sequence 36218, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951

; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 36218
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-36218

Query Match 4.2%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 706 AGCGAGTCCAGGAGAG 722
Db 1 AGCGAGTCCAGGAGAG 17

RESULT 348
US-10-708-951-47663
; Sequence 47663, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 47663
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-47663

Query Match 4.2%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 706 AGCGAGTCCAGGAGAG 722
Db 1 AGCGAGTCCAGGAGAG 17

RESULT 349
US-10-834-967-2443/c
; Sequence 2443, Application US/10834967
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.;
; TITLE OF INVENTION: Connecton Sequences for the Archaeoglobus fulgidus DSM 4304,
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/834,967
; CURRENT FILING DATE: 2004-04-30
; NUMBER OF SEQ ID NOS: 5566
; SOFTWARE: Proprietary
; SEQ ID NO 2443
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Archaeoglobus fulgidus DSM 4304, complete genome.
; FEATURE:
; LOCATION: (969314)...(969330)
; OTHER INFORMATION: Chromosome = 1 Contig = 1 Strand = neg CtronObjNum = 2443
US-10-834-967-2443

Query Match 4.2%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 892 TACTTCTCAGCTTCTGC 908
Db 17 TACTTCTCAGCTTCTGC 1

```

; CURRENT APPLICATION NUMBER: US/10/494,343
; CURRENT FILING DATE: 2004-04-30
; PRIOR APPLICATION NUMBER: US to be assigned
; PRIOR FILING DATE: to be assigned
; PRIOR APPLICATION NUMBER: PCT/US2002/035129
; PRIOR FILING DATE: 2002-11-01
; PRIOR APPLICATION NUMBER: US 60/334,773
; PRIOR FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 870
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 245
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-10-494-343-245

Query Match      4.2%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      776  TGAGGGCGAGCCCTCTG 792
Db      1  TGAGGGGAGGCCCACTG 17

RESULT 353
US-10-138-674B-618/c
; Sequence 618, Application US/10138674B
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Pavco, Pam James
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674B
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20829
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 618
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
; US-10-138-674B-618

Query Match      4.2%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      865  AGTTGGAAACACTTTCCT 881
Db      17  AGCTGAATACTTTCCT 1

RESULT 354
US-10-138-674B-2377
; Sequence 2377, Application US/10138674B
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674B
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20829
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2377

; CURRENT APPLICATION NUMBER: US/10/834,967
; CURRENT FILING DATE: 2004-04-30
; NUMBER OF SEQ ID NOS: 5566
; SOFTWARE: Proprietary
; SEQ ID NO 2444
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Archaeoglobus fulgidus DSM 4304, complete genome.
; FEATURE:
; LOCATION: (969314)...(969330)
; OTHER INFORMATION: Chromosome = 1 Contig = 1 Strand = neg CtronObjNum = 2444
; US-10-834-967-2444

Query Match      4.2%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      892  TACTTCTCAGCTTCTGC 908
Db      17  TACTCTCAGCCCTTC 1

RESULT 351
US-10-494-343-244
; Sequence 244, Application US/10494343
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; APPLICANT: Phan, Thuymy
; TITLE OF INVENTION: HUMAN AGIOMOTIN-LIKE PROTEIN 1
; FILE REFERENCE: PB0184
; CURRENT APPLICATION NUMBER: US/10/494,343
; CURRENT FILING DATE: 2004-04-30
; PRIOR APPLICATION NUMBER: US to be assigned
; PRIOR FILING DATE: to be assigned
; PRIOR APPLICATION NUMBER: PCT/US2002/035129
; PRIOR FILING DATE: 2002-11-01
; PRIOR APPLICATION NUMBER: US 60/334,773
; PRIOR FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 870
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 244
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-10-494-343-244

Query Match      4.2%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      775  CTGAGGGCGAGCCCTCT 791
Db      1  CTGAGGGGAGGCCCACT 17

RESULT 352
US-10-494-343-245
; Sequence 245, Application US/10494343
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; APPLICANT: Phan, Thuymy
; TITLE OF INVENTION: HUMAN AGIOMOTIN-LIKE PROTEIN 1
; FILE REFERENCE: PB0184

```

```
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus musculus
US-10-138-674B-2377

Query Match      4.2%; Score 12.2; DB 1; Length 17;
Best Local Similarity 58.8%; Pred. No. 2.6e+02;
Matches 10; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

QY 869 GGAACACTTCTCGAGA 885
      ||||| :|||: |||
Db 1 GAAACCCUUCUGGGA 17

RESULT 355
US-10-138-674B-5467
; Sequence 5467, Application US/10138674B
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBHB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674B
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20829
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 5467
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674B-5467

Query Match      4.2%; Score 12.2; DB 1; Length 17;
Best Local Similarity 58.8%; Pred. No. 2.6e+02;
Matches 10; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

QY 807 CCTCCAACTCAGGGTTC 823
      ||||| :|||: |||
Db 1 CUUCAAACUCAGGUUUG 17

RESULT 356
US-10-138-674B-5477/c
; Sequence 5477, Application US/10138674B
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBHB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674B
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20829
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 5477
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674B-5477

Query Match      4.2%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 861 CTCACCTTGGACACTT 877
      ||||| ||||| |||
```

```
Db 17 CTCACGATGGAACACTT 1

RESULT 357
US-10-138-674B-6672
; Sequence 6672, Application US/10138674B
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBHB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674B
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20829
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 6672
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674B-6672

Query Match      4.2%; Score 12.2; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 2.6e+02;
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 873 CACTTCTCTGAGATGCA 889
      ||||| :|||: |||
Db 1 CACUUAACUGAGGAGCA 17

RESULT 358
US-10-138-674B-7572
; Sequence 7572, Application US/10138674B
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBHB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674B
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20829
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 7572
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674B-7572

Query Match      4.2%; Score 12.2; DB 1; Length 17;
Best Local Similarity 47.1%; Pred. No. 2.6e+02;
Matches 8; Conservative 6; Mismatches 3; Indels 0; Gaps 0;

QY 822 TGGCTGTCTCTCTTTC 838
      :|||: |||: |||
Db 1 UGGCUGGACUCUCUCUC 17

RESULT 359
US-10-138-674B-8841
; Sequence 8841, Application US/10138674B
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan
```

```
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MH800-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674B
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20829
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 8841
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
; US-10-138-674B-8841

Query Match          4.2%; Score 12.2; DB 1; Length 17;
Best Local Similarity 58.8%; Pred. No. 2.6e+02;
Matches 10; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

QY      853  CGTCCTCGCTCCAGTTG 859
Db      1  CGUCAUGGAUCCAGAU 17

RESULT 360
PCT-US04-06615-7
; Sequence 7, Application PC/TUS0406615
; GENERAL INFORMATION:
; APPLICANT: New England Medical Center Hospitals, Inc.
; APPLICANT: Plaut, Andrew G
; APPLICANT: Qiu, Jiahou
; TITLE OF INVENTION: Treatment of IgA1 Deposition Diseases
; FILE REFERENCE: 28154/2068
; CURRENT APPLICATION NUMBER: PCT/US04/06615
; CURRENT FILING DATE: 2004-03-09
; PRIOR APPLICATION NUMBER: US 60/453055
; PRIOR FILING DATE: 2003-03-07
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 7
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide encoding heterologous peptide tag sequence
PCT-US04-06615-7

Query Match          4.2%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 2.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      918  ATCATCACCACCCCT 934
Db      2  ACCATCACCATCACCAT 18

RESULT 361
PCT-US03-41761-10998/c
; Sequence 10998, Application PC/TUS0341761
; GENERAL INFORMATION:
; APPLICANT: MMI GENOMICS, INC.
; APPLICANT: DENISE, Sue K.
; APPLICANT: CHARTERIS, Paul
; APPLICANT: ROSENFELD, David
; APPLICANT: HOLM, Tom
; APPLICANT: BATES, Stephen
; TITLE OF INVENTION: COMPOSITIONS, METHODS, AND SYSTEMS FOR INFERRING BOVINE BREED
; FILE REFERENCE: MM1150W0
; CURRENT APPLICATION NUMBER: PCT/US03/41761
; CURRENT FILING DATE: 2003-12-31
; PRIOR APPLICATION NUMBER: US 60/437,482
; PRIOR FILING DATE: 2002-12-31
; NUMBER OF SEQ ID NOS: 64922
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 12777
; LENGTH: 18
; TYPE: DNA
```

```
; SEQ ID NO 10998
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Reverse Primer
PCT-US03-41761-10998

Query Match          4.2%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 2.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      887  GCACCTACTTCTCAGCT 903
Db      17  GCACCTACTCCGACGT 1

RESULT 362
PCT-US03-41761-10998/c
; Sequence 10998, Application PC/TUS0341761
; GENERAL INFORMATION:
; APPLICANT: MMI GENOMICS, INC.
; APPLICANT: DENISE, Sue K.
; APPLICANT: CHARTERIS, Paul
; APPLICANT: ROSENFELD, David
; APPLICANT: HOLM, Tom
; APPLICANT: BATES, Stephen
; TITLE OF INVENTION: COMPOSITIONS, METHODS, AND SYSTEMS FOR INFERRING BOVINE BREED
; FILE REFERENCE: MM1150W0
; CURRENT APPLICATION NUMBER: PCT/US03/41761
; CURRENT FILING DATE: 2003-12-31
; PRIOR APPLICATION NUMBER: US 60/437,482
; PRIOR FILING DATE: 2002-12-31
; NUMBER OF SEQ ID NOS: 64922
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 10998
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Reverse Primer
PCT-US03-41761-10998

Query Match          4.2%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 2.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      887  GCACCTACTTCTCAGCT 903
Db      17  GCACCTACTCCGACGT 1

RESULT 363
PCT-US03-41761-12777/c
; Sequence 12777, Application PC/TUS0341761
; GENERAL INFORMATION:
; APPLICANT: MMI GENOMICS, INC.
; APPLICANT: DENISE, Sue K.
; APPLICANT: CHARTERIS, Paul
; APPLICANT: ROSENFELD, David
; APPLICANT: HOLM, Tom
; APPLICANT: BATES, Stephen
; TITLE OF INVENTION: COMPOSITIONS, METHODS, AND SYSTEMS FOR INFERRING BOVINE BREED
; FILE REFERENCE: MM1150W0
; CURRENT APPLICATION NUMBER: PCT/US03/41761
; CURRENT FILING DATE: 2003-12-31
; PRIOR APPLICATION NUMBER: US 60/437,482
; PRIOR FILING DATE: 2002-12-31
; NUMBER OF SEQ ID NOS: 64922
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 12777
; LENGTH: 18
; TYPE: DNA
```

```
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Reverse Primer
PCT-US03-41761-12777

Query Match      4.2%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 2.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      800 GAGCTCTCTCCCAACTC 816
Db      17 GGGCTCTCTCCCGTCTC 1

RESULT 364
PCT-US03-41761-12777/c
; Sequence 12777, Application PC/TUS0341761
; GENERAL INFORMATION:
; APPLICANT: MMI GENOMICS, INC.
; APPLICANT: DENISE, Sue K.
; APPLICANT: CHARTERIS, Paul
; APPLICANT: ROSENFELD, David
; APPLICANT: HOLM, Tom
; APPLICANT: BATES, Stephen
; TITLE OF INVENTION: COMPOSITIONS, METHODS, AND SYSTEMS FOR INFERRING BOVINE BREED
; FILE REFERENCE: MM11150W0
; CURRENT APPLICATION NUMBER: PCT/US03/41761
; PRIOR FILING DATE: 2003-12-31
; CURRENT FILING DATE: 2003-12-31
; PRIOR APPLICATION NUMBER: US 60/437,482
; NUMBER OF SEQ ID NOS: 64922
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 12777
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Reverse Primer
PCT-US03-41761-12777

Query Match      4.2%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 2.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      800 GAGCTCTCTCCCAACTC 816
Db      17 GGGCTCTCTCCCGTCTC 1

RESULT 365
PCT-US03-41761-13511/c
; Sequence 13511, Application PC/TUS0341761
; GENERAL INFORMATION:
; APPLICANT: MMI GENOMICS, INC.
; APPLICANT: DENISE, Sue K.
; APPLICANT: CHARTERIS, Paul
; APPLICANT: ROSENFELD, David
; APPLICANT: HOLM, Tom
; APPLICANT: BATES, Stephen
; TITLE OF INVENTION: COMPOSITIONS, METHODS, AND SYSTEMS FOR INFERRING BOVINE BREED
; FILE REFERENCE: MM11150W0
; CURRENT APPLICATION NUMBER: PCT/US03/41761
; PRIOR FILING DATE: 2003-12-31
; CURRENT FILING DATE: 2003-12-31
; PRIOR APPLICATION NUMBER: US 60/437,482
; NUMBER OF SEQ ID NOS: 64922
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 13511
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Reverse Primer
PCT-US03-41761-10998/c
; Sequence 10998, Application PC/TUS0341766A
; GENERAL INFORMATION:
; APPLICANT: MMI GENOMICS, INC.
; APPLICANT: DENISE, Sue K.
; APPLICANT: KERR, Richard
; APPLICANT: ROSENFELD, David
; APPLICANT: HOLM, Tom
; APPLICANT: BATES, Stephen
; APPLICANT: FANTIN, Dennis
; TITLE OF INVENTION: COMPOSITIONS, METHODS AND SYSTEMS FOR INFERRING BOVINE TRAITS
; FILE REFERENCE: MM11100W0
; CURRENT APPLICATION NUMBER: PCT/US03/41766A
; CURRENT FILING DATE: 2003-12-31
; PRIOR FILING DATE: 2003-12-31
; PRIOR APPLICATION NUMBER: US 60/437,482
; NUMBER OF SEQ ID NOS: 64922
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 10998
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Reverse Primer
PCT-US03-41766A-10998
```

```
Query Match      : 4.2%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 2.8e+02;
Matches 14: Conservative 0; Mismatches 3; Indels
```

Qy . . 887 GCACTTACTTCTCAGCT 903
Db 17 GCACTCACTCCGAGCT 1

```

RESULT 368
PCT-US03-41766A-12777/c
; Sequence 12777, Application PC/TUS0341766A
; GENERAL INFORMATION:
; APPLICANT: MMI GENOMICS, INC.
; APPLICANT: Denise Sue K.
; APPLICANT: KERR, Richard
; APPLICANT: ROSENFELD, David
; APPLICANT: HOLM, Tom
; APPLICANT: BATES, Stephen
; APPLICANT: FANTIN, Dennis
; TITLE OF INVENTION: COMPOSITIONS, METHODS AND SYSTEMS FOR INFERRING BOVINE TRAITS
; FILE REFERENCE: MM11100W0
; CURRENT APPLICATION NUMBER: PCT/US03/41766A
; CURRENT FILING DATE: 2003-12-31
; PRIOR APPLICATION NUMBER: US 60/437,482
; PRIOR FILING DATE: 2002-12-31
; NUMBER OF SEQ ID NOS: 64922
; SOFTWARE: PatentIN version 3.1
; SEQ ID NO 12777
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Reverse Primer
PCT-US03-41766A-12777

```

```
Query Match      4.2%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 2.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels
```

Qy 800 GAGCTCTCTCCTCCAATC 816
Dp 17 GGGCTCTCTCCTCCGTC 1

```

RESULT 369
PCT-US03-41766A-13511/c
; Sequence 13511, Application PC/TUS0341766A
; GENERAL INFORMATION:
; APPLICANT: MMI GENOMICS, INC.
; APPLICANT: DENISE Sue K.
; APPLICANT: KERR, Richard
; APPLICANT: ROSENFELD, David
; APPLICANT: HOLM, Tom
; APPLICANT: BATES, Stephen
; APPLICANT: FANTIN, Dennis
; TITLE OF INVENTION: COMPOSITIONS, METHODS AND SYSTEMS FOR INFERRING BOVINE TRAITS
; FILE REFERENCE: MM11100W0
; CURRENT APPLICATION NUMBER: PCT/US03/41766A
; CURRENT FILING DATE: 2003-12-31
; PRIOR APPLICATION NUMBER: US 60/437,482
; PRIOR FILING DATE: 2002-12-31
; NUMBER OF SEQ ID NOS: 64922
; SOFTWARE: PatentIN version 3.1
; SEQ ID NO 13511
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Reverse Primer
PCT-US03-41766A-13511

```

Query Match 4.2%; Score 12.2; DB 1; Length 18;

| | | |
|-----------------------|------------------|-------------------------|
| Best Local Similarity | 82.4%; | Pred. No. 2.8e+02; |
| Matches | 14; Conservative | 0; Mismatches 3; Indels |
| | | 0; Gaps 0; |

QY 775 CTGAGGGCAGCCCCCTCT 791
Db 17 CTGAGGGCAGCCCCACT 1

```

RESULT 370
PCT-US04-18279-13
; Sequence 13, Application PC/TUS0418279
; GENERAL INFORMATION:
; APPLICANT: MedImmune, Inc.
; TITLE OF INVENTION: USE OF EphA4 AND MODULATOR OF EphA4 FOR
; TITLE OF INVENTION: DIAGNOSIS, TREATMENT AND PREVENTION OF CANCER
; FILE REFERENCE: 10271-117-228
; CURRENT APPLICATION NUMBER: PCT/US04/18279
; CURRENT FILING DATE: 2004-06-17
; PRIOR APPLICATION NUMBER: 60/476,909
; PRIOR FILING DATE: 2003-06-06
; PRIOR APPLICATION NUMBER: 60/503,356
; PRIOR FILING DATE: 2003-09-16
; NUMBER OF SEQ ID NOS: 32
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 13
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; OTHER INFORMATION: His-Tag
PCT-US04-18279-13

```

Query Match 4.2%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 2.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 918 ATCATCACCACCCT 934
db 2 ACCATCACCATCACCAT 18

```

RESULT 371
US-10-863-729-13
; Sequence 13, Application US/10863729
; GENERAL INFORMATION:
; APPLICANT: Carles-Kinch, Kelly
; APPLICANT: Kinch, Michael S.
; TITLE OF INVENTION: USE OF EphA4 AND MODULATOR OF EphA4 FOR
; TITLE OF INVENTION: DIAGNOSIS, TREATMENT AND PREVENTION OF CANCER
; FILE REFERENCE: 10271-117-999
; CURRENT APPLICATION NUMBER: US/10/863,729
; CURRENT FILING DATE: 2004-06-07
; PRIOR APPLICATION NUMBER: 60/476,909
; PRIOR FILING DATE: 2003-06-06
; PRIOR APPLICATION NUMBER: 60/503,356
; PRIOR FILING DATE: 2003-09-16
; NUMBER OF SEQ ID NOS: 32
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 13
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; OTHER INFORMATION: His-Tag
US-10-863-729-13

```

```

Query Match      4.2%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 2.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

```

Qy 918 ATCATCACCACCCT 934
Db 2 ACCATCACCATCACCAT 18

```
RESULT 372
US-10-655-579-13/c
; Sequence 13, Application US/10655579
; GENERAL INFORMATION:
; APPLICANT: Park, Kyusung
; APPLICANT: Lee, Jun E.
; TITLE OF INVENTION: Compositions and Methods For Synthesizing Nucleic Acids
; FILE REFERENCE: 0942.558002
; CURRENT APPLICATION NUMBER: US/10/655,579
; CURRENT FILING DATE: 2003-09-05
; PRIOR APPLICATION NUMBER: 60/408,609
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: 60/427,867
; PRIOR FILING DATE: 2002-11-19
; NUMBER OF SEQ ID NOS: 164
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 13
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Unknown
; FEATURE:
; OTHER INFORMATION: p32D9 149 bp, reverse primer
US-10-655-579-13

Query Match          4.2%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 2.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      781 GCAGCCCTCTGTGTC 797
Db      18 GCAGCCCATCTCGGCC 2
|||||
|||||

RESULT 373
US-10-796-307-44027
; Sequence 44027, Application US/10796307
; GENERAL INFORMATION:
; APPLICANT: CARIGILL, Michele et al.
; TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
; FILE REFERENCE: CU001509
; CURRENT APPLICATION NUMBER: US/10/796,307
; CURRENT FILING DATE: 2004-03-10
; NUMBER OF SEQ ID NOS: 44201
; SOFTWARE: Fast-Seq for Windows Version 4.0
; SEQ ID NO 44027
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-796-307-44027

Query Match          4.2%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 2.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      928 CCACCCCTCCAGAGATT 944
Db      1 CCTCCCGCAGAGATT 17
|||||
|||||

RESULT 374
US-10-013-910A-256
; Sequence 256, Application US/10013910A
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
```

```
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830FIC33
; CURRENT APPLICATION NUMBER: US/10/013,910A
; CURRENT FILING DATE: 2001-12-10
; PRIOR APPLICATION NUMBER: 60/098716
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098723
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098749
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098750
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098803
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/098821
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/098843
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/099536
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099596
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099598
; PRIOR FILING DATE: 1998-09-09
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 256
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-013-910A-256

Query Match          4.2%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 2.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      854 GTCCTGGCTCCAGTTGG 870
Db      1 GTACAGGCTGCAGTTGG 17
|||||
|||||

RESULT 375
US-10-834-967-2469/c
; Sequence 2469, Application US/10834967
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.;
; TITLE OF INVENTION: Connection Sequences for the Archaeoglobus fulgidus DSM 4304,
; FILE REFERENCE: Jim Zeeger Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/834,967
; CURRENT FILING DATE: 2004-04-30
; NUMBER OF SEQ ID NOS: 5566
; SOFTWARE: Proprietary
; SEQ ID NO 2469
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Archaeoglobus fulgidus DSM 4304, complete genome.
; FEATURE:
; LOCATION: (976560)...(976577)
; OTHER INFORMATION: Chromosome = 1 Contig = 1 Strand = neg CtronObjNum =
US-10-834-967-2469

Query Match          4.2%; Score 12.2; DB 1; Length 18;
```

Best Local Similarity 82.4%; Pred. No. 2.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 925 CCACCACTCCAGAGA 941
DB 17 CCAACAACCTCCAGAAA 1

RESULT 376
US-10-327-598-826
; Sequence 826, Application US/10327598
; GENERAL INFORMATION:
; APPLICANT: Krah, Eugene
; APPLICANT: Guo, Honliang
; APPLICANT: Aiyappa, Ashok
; APPLICANT: Lawton, Robert
; TITLE OF INVENTION: Canine Immunoglobulin Variable Domains, Caninized Antibodies, and
; TITLE OF INVENTION: for Making and Using Them
; FILE REFERENCE: 01-799-A
; CURRENT APPLICATION NUMBER: US/10/327,598
; CURRENT FILING DATE: 2002-12-20
; PRIOR APPLICATION NUMBER: US 60/344,874
; PRIOR FILING DATE: 2001-12-21
; NUMBER OF SEQ ID NOS: 1139
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 826
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: :
US-10-327-598-826

Query Match 4.2%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 2.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 859 GGTCCAGTTGGACAC 875
DB 2 GGTCCAGTTGGAAAAAC 18

RESULT 377
US-10-327-598A-826
; Sequence 826, Application US/10327598A
; GENERAL INFORMATION:
; APPLICANT: Krah, Eugene
; APPLICANT: Guo, Honliang
; APPLICANT: Aiyappa, Ashok
; APPLICANT: Lawton, Robert
; TITLE OF INVENTION: Canine Immunoglobulin Variable Domains, Caninized Antibodies, and
; TITLE OF INVENTION: for Making and Using Them
; FILE REFERENCE: 01-799-A
; CURRENT APPLICATION NUMBER: US/10/327,598A
; CURRENT FILING DATE: 2002-12-20
; PRIOR APPLICATION NUMBER: US 60/344,874
; PRIOR FILING DATE: 2001-12-21
; NUMBER OF SEQ ID NOS: 1139
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 826
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: :
US-10-327-598A-826

Query Match 4.2%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 2.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 859 GGTCCAGTTGGACAC 875
DB 2 GGTCCAGTTGGAAAAAC 18

DB 2 GGTCCAGTTGGAAAAAC 18

RESULT 378
US-60-545-213-134758/c
; Sequence 134758, Application US/60545213
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Mounts, William Martin
; TITLE OF INVENTION: Nucleic Acid Arrays for Monitoring Expression Profiles of Drug
; FILE REFERENCE: AM101083 (031896-042099)
; CURRENT APPLICATION NUMBER: US/60/545,213
; CURRENT FILING DATE: 2004-02-18
; NUMBER OF SEQ ID NOS: 303284
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 134758
; LENGTH: 25
; TYPE: DNA
; ORGANISM: probe
US-60-545-213-134758

Query Match 4.2%; Score 12.2; DB 1; Length 25;
Best Local Similarity 82.4%; Pred. No. 4.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 955 AGAGCCAAATTGACTCT 971
DB 20 AGAGTCAATTGGCTCT 4

RESULT 379
US-10-257-017B-334290
; Sequence 334290, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 334290
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0038060
US-10-257-017B-334290

Query Match 4.1%; Score 12; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 1.7e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 921 ATCACCACCACC 932
DB 1 ATCACCACCACC 12

RESULT 380
US-10-257-017B-23653/c
; Sequence 23653, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
US-10-257-017B-23653/c


```
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 23653
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0005171
US-10-257-017B-23653

Query Match      4.1%; Score 12; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 920 CATCACCACCAC 931
Db 13 CATCACCACCAC 2

RESULT 381
US-10-257-017B-23654
; Sequence 23654, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 23654
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0005171
US-10-257-017B-23654

Query Match      4.1%; Score 12; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 920 CATCACCACCAC 931
Db 1 CATCACCACCAC 12

RESULT 382
US-10-257-017B-41609/c
; Sequence 41609, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 41609
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
```

```
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0012485
US-10-257-017B-41609

Query Match      4.1%; Score 12; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 915 ATTATCATCACC 926
Db 12 ATTATCATCACC 1

RESULT 383
US-10-257-017B-41610
; Sequence 41610, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 41610
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0012485
US-10-257-017B-41610

Query Match      4.1%; Score 12; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 915 ATTATCATCACC 926
Db 2 ATTATCATCACC 13

RESULT 384
US-10-257-017B-119493/c
; Sequence 119493, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 119493
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0029833
US-10-257-017B-119493

Query Match      4.1%; Score 12; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 833 CTTTCTCTCTCT 844
```

Db 13 CTTTCTCTCT 2
 |||||

RESULT 385

US-10-257-017B-119494
 ; Sequence 119494, Application US/10257017B
 ; GENERAL INFORMATION:
 ; APPLICANT: Alexander Olek
 ; APPLICANT: Kurt Berlin
 ; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
 ; FILE REFERENCE: E01/1193/NO
 ; CURRENT APPLICATION NUMBER: US/10/257,017B
 ; PRIOR FILING DATE: 2002-10-07
 ; PRIOR FILING DATE: 2000-04-07
 ; NUMBER OF SEQ ID NOS: 382046
 ; SEQ ID NO 119494
 ; LENGTH: 13
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0029833
 US-10-257-017B-119494

Query Match 4.1%; Score 12; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.9e+02;
 Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 833 CTTTCTCTCTCT 844
 |||||

Db 1 CTTTCTCTCTCT 12

RESULT 386

US-10-257-017B-154661/c
 ; Sequence 154661, Application US/10257017B
 ; GENERAL INFORMATION:
 ; APPLICANT: Alexander Olek
 ; APPLICANT: Kurt Berlin
 ; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
 ; FILE REFERENCE: E01/1193/NO
 ; CURRENT APPLICATION NUMBER: US/10/257,017B
 ; PRIOR FILING DATE: 2002-10-07
 ; PRIOR FILING DATE: 2000-04-07
 ; NUMBER OF SEQ ID NOS: 382046
 ; SEQ ID NO 154661
 ; LENGTH: 13
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0039103
 US-10-257-017B-154661

Query Match 4.1%; Score 12; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.9e+02;
 Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 968 CTCCTCTAAATCT 979
 |||||

Db 12 CTCCTCTAAATCT 1

RESULT 387

US-10-257-017B-154662
 ; Sequence 154662, Application US/10257017B
 ; GENERAL INFORMATION:
 ; APPLICANT: Alexander Olek

; APPLICANT: Christian Piepenbrock
 ; APPLICANT: Kurt Berlin
 ; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
 ; FILE REFERENCE: E01/1193/NO
 ; CURRENT APPLICATION NUMBER: US/10/257,017B
 ; PRIOR FILING DATE: 2002-10-07
 ; PRIOR FILING DATE: 2000-04-07
 ; NUMBER OF SEQ ID NOS: 382046
 ; SEQ ID NO 154662
 ; LENGTH: 13
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0039103
 US-10-257-017B-154662

Query Match 4.1%; Score 12; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.9e+02;
 Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 968 CTCCTCTAAATCT 979
 |||||

Db 2 CTCCTCTAAATCT 13

RESULT 388

US-10-257-017B-211891/c
 ; Sequence 211891, Application US/10257017B
 ; GENERAL INFORMATION:
 ; APPLICANT: Alexander Olek
 ; APPLICANT: Kurt Berlin
 ; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
 ; FILE REFERENCE: E01/1193/NO
 ; CURRENT APPLICATION NUMBER: US/10/257,017B
 ; PRIOR FILING DATE: 2002-10-07
 ; PRIOR FILING DATE: 2000-04-07
 ; NUMBER OF SEQ ID NOS: 382046
 ; SEQ ID NO 211891
 ; LENGTH: 13
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0005186
 US-10-257-017B-211891

Query Match 4.1%; Score 12; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.9e+02;
 Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 967 ACTCTCTAAATC 978
 |||||

Db 13 ACTCTCTAAATC 2

RESULT 389

US-10-257-017B-211892
 ; Sequence 211892, Application US/10257017B
 ; GENERAL INFORMATION:
 ; APPLICANT: Alexander Olek
 ; APPLICANT: Kurt Berlin
 ; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
 ; FILE REFERENCE: E01/1193/NO
 ; CURRENT APPLICATION NUMBER: US/10/257,017B
 ; PRIOR FILING DATE: 2002-10-07
 ; PRIOR FILING DATE: 2000-04-07

```
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 211892
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0005186
US-10-257-017B-211892

Query Match          4.1%; Score 12; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy          967 ACTCTCTAAATC 978
Db          1 ACTCTCTAAATC 12

RESULT 390
US-10-708-951-22341
; Sequence 22341, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; TITLE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 22341
; LENGTH: 13
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-22341

Query Match          4.1%; Score 12; DB 1; Length 13;
Best Local Similarity 91.7%; Pred. No. 1.9e+02;
Matches 11; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy          923 CACCACCACCT 934
Db          1 CACCACCACCT 12

RESULT 391
US-10-708-951-42200
; Sequence 42200, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; TITLE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 42200
; LENGTH: 13
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-42200

Query Match          4.1%; Score 12; DB 1; Length 13;
Best Local Similarity 91.7%; Pred. No. 1.9e+02;
Matches 11; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy          923 CACCACCACCT 934
Db          1 CACCACCACCT 12

RESULT 392
```

```
US-10-803-653-205/c
; Sequence 205, Application US/10803653
; GENERAL INFORMATION:
; APPLICANT: Cambridge Antibody Technology Limited
; APPLICANT: Medical Research Council
; APPLICANT: McCafferty, John
; APPLICANT: Pope, Anthony
; APPLICANT: Johnson, Kevin
; APPLICANT: Hoogenboom, Hendricus
; APPLICANT: Griffiths, Ronald
; APPLICANT: Jackson, Andrew
; APPLICANT: Holliger, Kasper
; APPLICANT: Marks, James
; APPLICANT: Clackson, Timothy
; APPLICANT: Chiswell, David
; APPLICANT: Winter, Gregory
; APPLICANT: Bonert, Timothy
; TITLE OF INVENTION: Methods for Producing Members of Specific Binding Pairs
; FILE REFERENCE: 13839-00013
; CURRENT APPLICATION NUMBER: US/10/803,653
; CURRENT FILING DATE: 2004-03-18
; PRIOR APPLICATION NUMBER: GB 9015198.6
; PRIOR FILING DATE: 1990-07-10
; PRIOR APPLICATION NUMBER: GB 9022845.3
; PRIOR FILING DATE: 1990-10-19
; PRIOR APPLICATION NUMBER: GB 9022845.3
; PRIOR FILING DATE: 1990-10-19
; PRIOR APPLICATION NUMBER: GB 9024503.6
; PRIOR FILING DATE: 1990-11-12
; PRIOR APPLICATION NUMBER: GB 9104744.9
; PRIOR FILING DATE: 1991-03-06
; PRIOR APPLICATION NUMBER: GB 9110549.4
; PRIOR FILING DATE: 1991-05-15
; PRIOR APPLICATION NUMBER: PCT/GB91/01134
; PRIOR FILING DATE: 1991-07-10
; PRIOR APPLICATION NUMBER: US 07/971,857
; PRIOR FILING DATE: 1993-01-08
; PRIOR APPLICATION NUMBER: US 08/484,893
; PRIOR FILING DATE: 1995-06-07
; NUMBER OF SEQ ID NOS: 272
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 205
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: site in geneIII for introduction of BamHI site via oligo G3 BamHI
US-10-803-653-205

Query Match          4.1%; Score 12; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 2.4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy          924 ACCACCACCTC 935
Db          12 ACCACCACCTC 1

RESULT 393
US-10-803-622-205/c
; Sequence 205, Application US/10803622
; GENERAL INFORMATION:
; APPLICANT: Cambridge Antibody Technology
; APPLICANT: Medical Research Council
; APPLICANT: McCafferty, John
; APPLICANT: Pope, Anthony
; APPLICANT: Johnson, Kevin
; APPLICANT: Hoogenboom, Hendricus
; APPLICANT: Griffiths, Ronald
; APPLICANT: Jackson, Andrew
; APPLICANT: Holliger, Kasper
```

APPLICANT: Marks, James
APPLICANT: Clarkson, Timothy
APPLICANT: Chiswell, David
APPLICANT: Winter, Gregory
APPLICANT: Bonert, Timothy
TITLE OF INVENTION: Methods for Producing Members of Specific Binding Pairs
FILE REFERENCE: 13839-00013
CURRENT APPLICATION NUMBER: US/10/803,622
CURRENT FILING DATE: 2004-03-18
PRIOR APPLICATION NUMBER: GB 9015198.6
PRIOR FILING DATE: 1990-07-10
PRIOR APPLICATION NUMBER: GB 9022845.3
PRIOR FILING DATE: 1990-10-19
PRIOR APPLICATION NUMBER: GB 9022845.3
PRIOR FILING DATE: 1990-10-19
PRIOR APPLICATION NUMBER: GB 9024503.6
PRIOR FILING DATE: 1990-11-12
PRIOR APPLICATION NUMBER: GB 9104744.9
PRIOR FILING DATE: 1991-03-06
PRIOR APPLICATION NUMBER: GB 9110549.4
PRIOR FILING DATE: 1991-05-15
PRIOR APPLICATION NUMBER: PCT/GB91/01134
PRIOR FILING DATE: 1991-07-10
PRIOR APPLICATION NUMBER: US 07/971,857
PRIOR FILING DATE: 1993-01-08
PRIOR APPLICATION NUMBER: US 08/484,893
PRIOR FILING DATE: 1995-06-07
NUMBER OF SEQ ID NOS: 272
SOFTWARE: PatentIn version 3.1
SEQ ID NO 205
LENGTH: 15
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: site in geneIII for introduction of BamHI site via oligo G3 BamHI
US-10-803-622-205

Query Match 4.1%; Score 12; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 2.4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 924 ACCACCCCTC 935
Db 12 ACCACCCCTC 1

RESULT 394
US-10-138-674B-4136
Sequence 4136, Application US/10138674B
GENERAL INFORMATION:
APPLICANT: Sirna therapeutics, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, James
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
FILE REFERENCE: MEHB00-876-N (400/049)
CURRENT APPLICATION NUMBER: US/10/138,674B
CURRENT FILING DATE: 2002-05-03
NUMBER OF SEQ ID NOS: 20829
SOFTWARE: PatentIn version 3.0
SEQ ID NO 4136
LENGTH: 15
TYPE: RNA
ORGANISM: Homo sapiens
US-10-138-674B-4136

Query Match 4.1%; Score 12; DB 1; Length 15;
Best Local Similarity 75.0%; Pred. No. 2.4e+02;
Matches 9; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 800 GAGCTCTCCTCC 811

Db 1 GAGCUCUCC 12

RESULT 395
PCT-US03-31862-523/c
Sequence 523, Application PC/TUS0331862
GENERAL INFORMATION:
APPLICANT: KMEC, ERIC B.
APPLICANT: VAN BRABANT, ANJA
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR REDUCING SCREENING IN
FILE REFERENCE: Napro-18 PCT
CURRENT APPLICATION NUMBER: PCT/US03/31862
CURRENT FILING DATE: 2003-10-07
PRIOR APPLICATION NUMBER: US 60/453,360
PRIOR FILING DATE: 2003-03-07
PRIOR APPLICATION NUMBER: US 60/416,983
PRIOR FILING DATE: 2002-10-07
NUMBER OF SEQ ID NOS: 2707
SOFTWARE: PatentIn version 3.2
SEQ ID NO 523
LENGTH: 17
TYPE: DNA
ORGANISM: Antirrhinum majus
PCT-US03-31862-523

Query Match 4.1%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 2.9e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 970 CTCCTAAATCTGG 981
Db 13 CTCCTAAATCTGG 2

RESULT 396
PCT-US03-31862-524
Sequence 524, Application PC/TUS0331862
GENERAL INFORMATION:
APPLICANT: KMEC, ERIC B.
APPLICANT: VAN BRABANT, ANJA
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR REDUCING SCREENING IN
FILE REFERENCE: Napro-18 PCT
CURRENT APPLICATION NUMBER: PCT/US03/31862
CURRENT FILING DATE: 2003-10-07
PRIOR APPLICATION NUMBER: US 60/453,360
PRIOR FILING DATE: 2003-03-07
PRIOR APPLICATION NUMBER: US 60/416,983
PRIOR FILING DATE: 2002-10-07
NUMBER OF SEQ ID NOS: 2707
SOFTWARE: PatentIn version 3.2
SEQ ID NO 524
LENGTH: 17
TYPE: DNA
ORGANISM: Antirrhinum majus
PCT-US03-31862-524

Query Match 4.1%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 2.9e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 970 CTCCTAAATCTGG 981
Db 5 CTCCTAAATCTGG 16

RESULT 397
US-10-708-951-25774
Sequence 25774, Application US/10708951

GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; FILE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF

FILE REFERENCE: 55034

CURRENT APPLICATION NUMBER: US/10/708,951

CURRENT FILING DATE: 2004-04-02

NUMBER OF SEQ ID NOS: 59824

SOFTWARE: PatentIn version 3.2

SEQ ID NO 25774

LENGTH: 17

TYPE: RNA

ORGANISM: Homo sapiens

US-10-708-951-25774

Query Match 4.1%; Score 12; DB 1; Length 17;

Best Local Similarity 91.7%; Pred. No. 2.9e+02;

Matches 11; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 923 CACCACCACCT 934

Db 3 CACCACCACCU 14

RESULT 398

US-10-708-951-26118

Sequence 26118, Application US/10708951

GENERAL INFORMATION:

; APPLICANT: ROSETTA GENOMICS LTD

; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL

; FILE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF

FILE REFERENCE: 55034

CURRENT APPLICATION NUMBER: US/10/708,951

CURRENT FILING DATE: 2004-04-02

NUMBER OF SEQ ID NOS: 59824

SOFTWARE: PatentIn version 3.2

SEQ ID NO 26118

LENGTH: 17

TYPE: RNA

ORGANISM: Homo sapiens

US-10-708-951-26118

Query Match 4.1%; Score 12; DB 1; Length 17;

Best Local Similarity 91.7%; Pred. No. 2.9e+02;

Matches 11; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 923 CACCACCACCT 934

Db 6 CACCACCACCU 17

RESULT 399

US-10-708-951-50419

Sequence 50419, Application US/10708951

GENERAL INFORMATION:

; APPLICANT: ROSETTA GENOMICS LTD

; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL

; FILE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF

FILE REFERENCE: 55034

CURRENT APPLICATION NUMBER: US/10/708,951

CURRENT FILING DATE: 2004-04-02

NUMBER OF SEQ ID NOS: 59824

SOFTWARE: PatentIn version 3.2

SEQ ID NO 50419

LENGTH: 17

TYPE: RNA

ORGANISM: Homo sapiens

US-10-708-951-50419

Query Match 4.1%; Score 12; DB 1; Length 17;

Best Local Similarity 91.7%; Pred. No. 2.9e+02;

Matches 11; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 923 CACCACCACCT 934

Db 3 CACCACCACCU 14

RESULT 400

US-10-708-951-51280

Sequence 51280, Application US/10708951

GENERAL INFORMATION:

; APPLICANT: ROSETTA GENOMICS LTD

; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL

; FILE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF

FILE REFERENCE: 55034

CURRENT APPLICATION NUMBER: US/10/708,951

CURRENT FILING DATE: 2004-04-02

NUMBER OF SEQ ID NOS: 59824

SOFTWARE: PatentIn version 3.2

SEQ ID NO 51280

LENGTH: 17

TYPE: RNA

ORGANISM: Homo sapiens

US-10-708-951-51280

Query Match 4.1%; Score 12; DB 1; Length 17;

Best Local Similarity 91.7%; Pred. No. 2.9e+02;

Matches 11; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 923 CACCACCACCT 934

Db 6 CACCACCACCU 17

RESULT 401

US-10-138-674B-2131

Sequence 2131, Application US/10138674B

GENERAL INFORMATION:

; APPLICANT: Sirna Therapeutics, Inc.

; APPLICANT: Pavco, Pam

; APPLICANT: McSwiggen, James

; APPLICANT: Stinchcomb, Dan

; APPLICANT: Escobedo, Jaime

; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel

; FILE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor

FILE REFERENCE: MEH00-876-N (400/049)

CURRENT APPLICATION NUMBER: US/10/138,674B

CURRENT FILING DATE: 2002-05-03

NUMBER OF SEQ ID NOS: 20829

SOFTWARE: PatentIn version 3.0

SEQ ID NO 2131

LENGTH: 17

TYPE: RNA

ORGANISM: Homo sapiens

US-10-138-674B-2131

Query Match 4.1%; Score 12; DB 1; Length 17;

Best Local Similarity 75.0%; Pred. No. 2.9e+02;

Matches 9; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

Qy 800 GAGCTCTCCTCC 811

Db 4 GAGCUCUCCUCC 15

RESULT 402

US-10-138-674B-2132

Sequence 2132, Application US/10138674B

GENERAL INFORMATION:

; APPLICANT: Sirna Therapeutics, Inc.

; APPLICANT: Pavco, Pam

; APPLICANT: McSwiggen, James

; APPLICANT: Stinchcomb, Dan

; APPLICANT: Escobedo, Jaime

; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel

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; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674B
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20829
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2132
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674B-2132

Query Match          4.1%; Score 12; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 2.9e+02;
Matches 9; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY      800 GAGCTCTCTCTCC 811
DB      2 GAGCUCUCCUCC 13

RESULT 403
US-10-138-674B-6919
; Sequence 6919, Application US/10138674B
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; FILE REFERENCE: MBH00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674B
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20829
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6919
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674B-6919

Query Match          4.1%; Score 12; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 2.9e+02;
Matches 9; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY      800 GAGCTCTCTCTCC 811
DB      5 GAGCUCUCCUCC 16

RESULT 404
US-10-138-674B-6920
; Sequence 6920, Application US/10138674B
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; FILE REFERENCE: MBH00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674B
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20829
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6920
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674B-6920
```

```
Query Match          4.1%; Score 12; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 2.9e+02;
Matches 9; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY      800 GAGCTCTCTCTCC 811
DB      3 GAGCUCUCCUCC 14

RESULT 405
US-10-138-674B-6921
; Sequence 6921, Application US/10138674B
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; FILE REFERENCE: MBH00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674B
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20829
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6921
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674B-6921

Query Match          4.1%; Score 12; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 2.9e+02;
Matches 9; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY      800 GAGCTCTCTCTCC 811
DB      1 GAGCUCUCCUCC 12

RESULT 406
US-10-138-674B-8636/c
; Sequence 8636, Application US/10138674B
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; FILE REFERENCE: MBH00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674B
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20829
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 8636
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674B-8636

Query Match          4.1%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 2.9e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      825 CTGTGTCCTCTT 836
DB      14 CTGTGTCCTCTT 3

RESULT 407
```

US-10-796-280-68061/c
; Sequence 68061, Application US/10796280
; GENERAL INFORMATION:
; APPLICANT: CARGILL, Michele et al.
; TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
; FILE REFERENCE: STENOSIS, METHODS OF DETECTION AND USES THEREOF
; FILE REFERENCE: C001510
; CURRENT APPLICATION NUMBER: US/10/796,280
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: FASTSEQ for Windows Version 4.0
; SEQ ID NO 68061
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-796-280-68061

Query Match 4.1%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 2.6e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 768 TCCACTTCTGAGGC 782
Db 15 TCCTTCTGAGGC 1

RESULT 408
US-10-364-412A-3752
; Sequence 3752, Application US/10364412A
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Saccharomyces cerevisiae complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/364,412A
; CURRENT FILING DATE: 2003-02-12
; NUMBER OF SEQ ID NOS: 9208
; SOFTWARE: Proprietary
; SEQ ID NO 3752
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Saccharomyces cerevisiae complete genome.
; FEATURE:
; LOCATION: (812714)...(812728)
; OTHER INFORMATION: Chromosome =12 Strand = negative ConnectonObjectNumber = 10498
US-10-364-412A-3752

Query Match 4.1%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 2.6e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 891 TTACTTCTCAGCTTC 905
Db 1 TTCCTTTCAGCTTC 15

RESULT 409
US-10-466-894-1762
; Sequence 1762, Application US/10466894
; GENERAL INFORMATION:
; APPLICANT: Telerman, Adam
; APPLICANT: Amson, Robert
; APPLICANT: Tuijnder, Marius
; APPLICANT: Susini, Laurent
; TITLE OF INVENTION: SEQUENCES INVOLVED IN PHENOMENA OF TUMOUR SUPPRESSION,
; TITLE OF INVENTION: TUMOUR REVERSION, APOPTOSIS AND/OR VIRUS RESISTANCE
; TITLE OF INVENTION: AND THEIR USE AS MEDICINES
; FILE REFERENCE: 10918-014-999
; CURRENT APPLICATION NUMBER: US/10/466,894
; CURRENT FILING DATE: 2003-07-23
; PRIOR APPLICATION NUMBER: PCT/FR02/00273
; PRIOR FILING DATE: 2002-01-23
; PRIOR APPLICATION NUMBER: FR01/00899
; PRIOR FILING DATE: 2001-01-23

; NUMBER OF SEQ ID NOS: 2270
; SOFTWARE: FASTSEQ for Windows Version 4.0
; SEQ ID NO 1762
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-466-894-1762

Query Match 4.1%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 2.6e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 867 TTGGAACACTTTCTCT 881
Db 1 TTGGAATTTCTCT 15

RESULT 410
US-10-708-951-17526/c
; Sequence 17526, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 17526
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-17526

Query Match 4.1%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 2.9e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 963 ATTGACTCTCTAAAT 977
Db 16 ATAGACTCTCTTAAT 2

RESULT 411
US-10-708-951-36051
; Sequence 36051, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 36051
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-36051

Query Match 4.1%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 2.9e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 706 AGCGAGTCCAGGAG 720
Db 2 AGCGAGCCCCAGGC 16

RESULT 412
US-10-708-951-36217

```
; Sequence 36217, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; TITLE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 36217
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-36217

Query Match          4.1%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 2.9e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      706 AGCGAGTCCCGAGG 720
DB      1 AGCGAGCCCCAGCG 15

RESULT 413
US-10-708-951-40386/c
; Sequence 40386, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; TITLE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 40386
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-40386

Query Match          4.1%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 2.9e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      963 ATTGACTCTCTAAAT 977
DB      16 ATAGACTCTCTTAAT 2

RESULT 414
US-10-708-951-44164
; Sequence 44164, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; TITLE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 44164
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-44164

Query Match          4.1%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 2.9e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      706 AGCGAGTCCCGAGG 720
DB      2 AGCGAGCCCCAGCG 16

RESULT 415
US-10-708-951-47662
; Sequence 47662, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; TITLE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 47662
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-47662

Query Match          4.1%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 2.9e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      706 AGCGAGTCCCGAGG 720
DB      1 AGCGAGCCCCAGCG 15

RESULT 416
US-10-834-967-1185/c
; Sequence 1185, Application US/10834967
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.;
; TITLE OF INVENTION: Connectron Sequences for the Archaeoglobus fulgidus DSM 4304,
; TITLE OF INVENTION: complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/834,967
; CURRENT FILING DATE: 2004-04-30
; NUMBER OF SEQ ID NOS: 5566
; SOFTWARE: Proprietary
; SEQ ID NO 1185
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Archaeoglobus fulgidus DSM 4304, complete genome.
; LOCATION: (422274)...(422289)
; OTHER INFORMATION: Chromosome = 1 Contig = 1 Strand = pos CtronObjNum = 1185
US-10-834-967-1185

Query Match          4.1%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 2.9e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      892 TACTTCTCAGCTTCT 906
DB      16 TTCTTCTCAGCTTTT 2

RESULT 417
US-10-834-967-1894/c
; Sequence 1894, Application US/10834967
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.;
; TITLE OF INVENTION: Connectron Sequences for the Archaeoglobus fulgidus DSM 4304,
; TITLE OF INVENTION: complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/834,967
; CURRENT FILING DATE: 2004-04-30
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```
; NUMBER OF SEQ ID NOS: 5566
; SOFTWARE: Proprietary
; SEQ ID NO 1894
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Archaeoglobus fulgidus DSM 4304, complete genome.
; FEATURE:
; LOCATION: (754684)...(754699)
; OTHER INFORMATION: Chromosome = 1 Contig = 1 Strand = pos CtronObjNum = 1894
US-10-834-967-1894

Query Match          4.1%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 2.9e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy  892 TACTTCTCAGTTCT 906
Db  16 TTCTTCTCAGCTTTT 2

RESULT 418
PCT-US03-31862-535/c
; Sequence 535, Application PC/TUS0331862
; GENERAL INFORMATION:
; APPLICANT: UNIVERSITY OF DELAWARE
; APPLICANT: KMEC, ERIC B.
; APPLICANT: VAN BRABANT, ANJA
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR REDUCING SCREENING IN
; TITLE OF INVENTION: OLIGONUCLEOTIDE-DIRECTED NUCLEIC ACID SEQUENCE ALTERATION
; FILE REFERENCE: Napro-18 PCT
; CURRENT APPLICATION NUMBER: PCT/US03/31862
; PRIOR FILING DATE: 2003-10-07
; PRIOR APPLICATION NUMBER: US 60/453,360
; PRIOR FILING DATE: 2003-03-07
; PRIOR APPLICATION NUMBER: US 60/416,983
; PRIOR FILING DATE: 2002-10-07
; NUMBER OF SEQ ID NOS: 2707
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 535
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Nicotiana tabacum
PCT-US03-31862-535

Query Match          4.1%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 3.1e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy  967 ACTCTCTAAATCTGG 981
Db  16 ATTCTCTAGATCTGG 2

RESULT 419
PCT-US03-31862-536
; Sequence 536, Application PC/TUS0331862
; GENERAL INFORMATION:
; APPLICANT: UNIVERSITY OF DELAWARE
; APPLICANT: KMEC, ERIC B.
; APPLICANT: VAN BRABANT, ANJA
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR REDUCING SCREENING IN
; TITLE OF INVENTION: OLIGONUCLEOTIDE-DIRECTED NUCLEIC ACID SEQUENCE ALTERATION
; FILE REFERENCE: Napro-18 PCT
; CURRENT APPLICATION NUMBER: PCT/US03/31862
; PRIOR FILING DATE: 2003-10-07
; PRIOR APPLICATION NUMBER: US 60/453,360
; PRIOR FILING DATE: 2003-03-07
; PRIOR APPLICATION NUMBER: US 60/416,983
; PRIOR FILING DATE: 2002-10-07
; NUMBER OF SEQ ID NOS: 2707
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 536
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Nicotiana tabacum
PCT-US03-31862-536

Query Match          4.1%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 3.1e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy  967 ACTCTCTAAATCTGG 981
Db  16 ATTCTCTAGATCTGG 2

RESULT 420
PCT-US03-31862-991
; Sequence 991, Application PC/TUS0331862
; GENERAL INFORMATION:
; APPLICANT: UNIVERSITY OF DELAWARE
; APPLICANT: KMEC, ERIC B.
; APPLICANT: VAN BRABANT, ANJA
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR REDUCING SCREENING IN
; TITLE OF INVENTION: OLIGONUCLEOTIDE-DIRECTED NUCLEIC ACID SEQUENCE ALTERATION
; FILE REFERENCE: Napro-18 PCT
; CURRENT APPLICATION NUMBER: PCT/US03/31862
; CURRENT FILING DATE: 2003-10-07
; PRIOR APPLICATION NUMBER: US 60/453,360
; PRIOR FILING DATE: 2003-03-07
; PRIOR APPLICATION NUMBER: US 60/416,983
; PRIOR FILING DATE: 2002-10-07
; NUMBER OF SEQ ID NOS: 2707
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 991
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Arabidopsis thaliana
PCT-US03-31862-991

Query Match          4.1%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 3.1e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy  837 TCTTCTCTGAGACA 851
Db  2 TCTTCTCTGACAAA 16

RESULT 421
PCT-US03-31862-992/c
; Sequence 992, Application PC/TUS0331862
; GENERAL INFORMATION:
; APPLICANT: UNIVERSITY OF DELAWARE
; APPLICANT: KMEC, ERIC B.
; APPLICANT: VAN BRABANT, ANJA
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR REDUCING SCREENING IN
; TITLE OF INVENTION: OLIGONUCLEOTIDE-DIRECTED NUCLEIC ACID SEQUENCE ALTERATION
; FILE REFERENCE: Napro-18 PCT
; CURRENT APPLICATION NUMBER: PCT/US03/31862
; CURRENT FILING DATE: 2003-10-07
; PRIOR APPLICATION NUMBER: US 60/453,360
; PRIOR FILING DATE: 2003-03-07
; PRIOR APPLICATION NUMBER: US 60/416,983
; PRIOR FILING DATE: 2002-10-07
; NUMBER OF SEQ ID NOS: 2707
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 992
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Arabidopsis thaliana
PCT-US03-31862-992

Query Match          4.1%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 3.1e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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Mon Jul 12 11:21:17 2004

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QY 837 TCTTCTCTGAAGACA 851
Db 16 TCTTCTCTGAACAA 2

RESULT 422
PCT-US03-35879-424
; Sequence 424, Application PC/TUS0335879
; GENERAL INFORMATION:
; APPLICANT: Sequenom, Inc.
; APPLICANT: Roth, Richard B.
; APPLICANT: Nelson, Matthew Roberts
; APPLICANT: Braun, Andreas
; APPLICANT: Kammerer, Stefan M.
; TITLE OF INVENTION: METHODS FOR IDENTIFYING RISK OF MELANOMA
; TITLE OF INVENTION: AND TREATMENTS THEREOF
; FILE REFERENCE: 524592006240
; CURRENT APPLICATION NUMBER: PCT/US03/35879
; PRIOR FILING DATE: 2003-11-06
; PRIOR APPLICATION NUMBER: US 60/424,475
; PRIOR FILING DATE: 2002-11-06
; PRIOR APPLICATION NUMBER: US 60/489,703
; PRIOR FILING DATE: 2003-07-23
; NUMBER OF SEQ ID NOS: 766
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 424
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
PCT-US03-35879-424

Query Match 4.1%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 3.1e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 775 CTGAGGCGAGCCCT 789
Db 1 CTGAGGCGTCCCT 15

RESULT 423
PCT-US03-25614-319
; Sequence 319, Application PC/TUS0325614
; GENERAL INFORMATION:
; APPLICANT: Genzyme Corporation
; APPLICANT: The Johns Hopkins University
; TITLE OF INVENTION: BRAIN ENDOTHELIAL EXPRESSION PATTERNS
; FILE REFERENCE: 003482.00010
; CURRENT APPLICATION NUMBER: PCT/US03/25614
; CURRENT FILING DATE: 2003-08-15
; PRIOR APPLICATION NUMBER: US 60/403,390
; PRIOR FILING DATE: 2002-08-15
; PRIOR APPLICATION NUMBER: US 60/458,978
; PRIOR FILING DATE: 2003-04-01
; NUMBER OF SEQ ID NOS: 869
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 319
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
PCT-US03-25614-319

Query Match 4.1%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 3.1e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 706 AGCGAGTCCCGAG 720
Db 2 AGTGAGACCCAGG 16

RESULT 424
US-09-220-536A-14
; Sequence 14, Application US/09220536A
; GENERAL INFORMATION:
; APPLICANT: William J. Balch
; APPLICANT: Michael E. Hogan
; TITLE OF INVENTION: Multiplexed molecular analysis apparatus
; FILE REFERENCE: 07762-002003
; CURRENT APPLICATION NUMBER: US/09/220,536A
; CURRENT FILING DATE: 1998-12-24
; PRIOR APPLICATION NUMBER: US/09/218,979
; PRIOR FILING DATE: 1998-12-22
; PRIOR APPLICATION NUMBER: 09/002,170
; PRIOR FILING DATE: 1997-12-31
; NUMBER OF SEQ ID NOS: 32
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 14
; LENGTH: 17
; TYPE: DNA
; ORGANISM: homo sapien
US-09-220-536A-14

Query Match 4.1%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 3.1e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 774 TCTGAGGCGAGCCCT 788
Db 2 TCTGAGGCGAACCTC 16

RESULT 425
US-09-220-536-14
; Sequence 14, Application US/09220536
; GENERAL INFORMATION:
; APPLICANT: William J. Balch
; APPLICANT: Michael E. Hogan
; TITLE OF INVENTION: Multiplexed molecular analysis apparatus
; FILE REFERENCE: 07762-002003
; CURRENT APPLICATION NUMBER: US/09/220,536
; CURRENT FILING DATE: 1998-12-24
; PRIOR APPLICATION NUMBER: US/09/218,979
; PRIOR FILING DATE: 1998-12-22
; PRIOR APPLICATION NUMBER: 09/002,170
; PRIOR FILING DATE: 1997-12-31
; NUMBER OF SEQ ID NOS: 32
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 14
; LENGTH: 17
; TYPE: DNA
; ORGANISM: homo sapien
US-09-220-536-14

Query Match 4.1%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 3.1e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 774 TCTGAGGCGAGCCCT 788
Db 2 TCTGAGGCGAACCTC 16

RESULT 426
US-10-787-393-2
; Sequence 2, Application US/10787393
; GENERAL INFORMATION:
; APPLICANT: Wahlroos, Tony
; APPLICANT: Atabekov, Joseph
; APPLICANT: Dorekhov, Yuri
; APPLICANT: Susi, Petri
; APPLICANT: Mkel, Mauri
; APPLICANT: Korpela, Timo

```

; TITLE OF INVENTION: Methods and Constructs for Increasing the Content of
; TITLE OF INVENTION: Selected Amino Acids in Seeds
; FILE REFERENCE: A2436PUS
; CURRENT APPLICATION NUMBER: US/10/787,393
; CURRENT FILING DATE: 2004-02-27
; PRIOR APPLICATION NUMBER: FI 20030315
; PRIOR FILING DATE: 2003-02-28
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 2
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: synthetic
; FEATURE:
; OTHER INFORMATION: H-P-2
US-10-787-393-2

Query Match 4.1%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 3.1e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 920 CATCACCACCACCT 934
| | | | | | | | | |
Db 1 CATCACCACCAT 15

RESULT 427

US-10-708-951-35697
; Sequence 35697, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; TITLE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 35697
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-35697

Query Match 4.1%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 3.1e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 706 AGCGAGTCCCAGGAG 720
| | | | | | | | | |
Db 3 AGCGAGCCCCAGGCG 17

RESULT 428

US-10-708-951-44957
; Sequence 44957, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; TITLE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 44957
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-44957

Query Match 4.1%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 3.1e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 706 AGCGAGTCCCAGGAG 720
| | | | | | | | | |
Db 3 AGCGAGCCCCAGGCG 17

RESULT 429

US-10-138-674B-934
; Sequence 934, Application US/10138674B
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBHB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674B
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20829
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 934
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674B-934

Query Match 4.1%; Score 11.8; DB 1; Length 17;
Best Local Similarity 66.7%; Pred. No. 3.1e+02;
Matches 10; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

Qy 861 CTCGAGTTGGAAACAC 875
| : | | | : | | | |
Db 2 CUCCAGUUGGACUC 16

RESULT 430

US-10-138-674B-1126
; Sequence 1126, Application US/10138674B
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBHB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674B
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20829
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1126
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674B-1126

Query Match 4.1%; Score 11.8; DB 1; Length 17;
Best Local Similarity 60.0%; Pred. No. 3.1e+02;
Matches 9; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

Qy 809 TCCAACTCAGGGTTG 823
: | | | | | : | |
Db 2 UCAAAACUCAGGUUUG 16

RESULT 431

US-10-138-674B-1137/c

; Sequence 1137, Application US/10138674B
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Receptor
; FILE REFERENCE: MHB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674B
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20829
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1137
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674B-1137

Query Match 4.1%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 3.1e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 859 GGCTCCAGTTCGGAAC 873
DB 16 GACTCCAGATGGAAC 2

RESULT 432
US-10-138-674B-2378
; Sequence 2378, Application US/10138674B
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Receptor
; FILE REFERENCE: MHB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674B
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20829
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2378
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus musculus
US-10-138-674B-2378

Query Match 4.1%; Score 11.8; DB 1; Length 17;
Best Local Similarity 60.0%; Pred. No. 3.1e+02;
Matches 9; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 871 AACACTTTCCTGAGA 885
DB 2 AACCCUUCUCCUGGA 16

RESULT 433
US-10-138-674B-2379
; Sequence 2379, Application US/10138674B
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Receptor
; FILE REFERENCE: MHB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674B

; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20829
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2379
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus musculus
US-10-138-674B-2379

Query Match 4.1%; Score 11.8; DB 1; Length 17;
Best Local Similarity 60.0%; Pred. No. 3.1e+02;
Matches 9; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 871 AACACTTTCCTGAGA 885
DB 1 AACCCUUCUCCUGGA 15

RESULT 434
US-10-138-674B-2379/c
; Sequence 2379, Application US/10138674B
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Receptor
; FILE REFERENCE: MHB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674B
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20829
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2379
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus musculus
US-10-138-674B-2379

Query Match 4.1%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 3.1e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 710 AGTCCCAGGAGAGTG 724
DB 17 AGTCCCAGGAAAGGG 3

RESULT 435
US-10-138-674B-2648/c
; Sequence 2648, Application US/10138674B
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Receptor
; FILE REFERENCE: MHB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674B
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20829
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2648
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus musculus
US-10-138-674B-2648

Query Match 4.1%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 3.1e+02;

Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 791 TGGTGCCAAAGAGTC 805
Db 16 TGATGCCAAGAGTC 2

RESULT 436
US-10-138-674B-5468
; Sequence 5468, Application US/10138674B
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBHB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10138,674B
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20829
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5468
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674B-5468

Query Match 4.1%; Score 11.8; DB 1; Length 17;
Best Local Similarity 60.0%; Pred. No. 3.1e+02;
Matches 9; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

Qy 809 TCCAACTCAGGGTTG 823
Db 1 UCAAAACUCAGGUUG 15

RESULT 437
US-10-138-674B-5479/c
; Sequence 5479, Application US/10138674B
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBHB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10138,674B
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20829
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5479
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674B-5479

Query Match 4.1%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 3.1e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 859 GGCTCCAGTGGAC 873
Db 15 GACTCCAGATGGAC 1

RESULT 438
US-10-138-674B-7655/c
; Sequence 7655, Application US/10138674B
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBHB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10138,674B
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20829
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 7655
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674B-7655

Query Match 4.1%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 3.1e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 854 GTCCTGGCTCCAGTT 868
Db 16 GCCCTGGCTCCATT 2

RESULT 439
US-10-138-674B-7735/c
; Sequence 7735, Application US/10138674B
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBHB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10138,674B
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20829
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 7735
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674B-7735

Query Match 4.1%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 3.1e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 797 CAAGAGCTCTCTCC 811
Db 15 CAGGAGCTCTCATCC 1

RESULT 440
PCT-US03-13562-99/c
; Sequence 99, Application PC/TUS0313562
; GENERAL INFORMATION:
; APPLICANT: University of North Carolina-Chapel Hill
; APPLICANT: Ting, Jenny
; APPLICANT: Linhoff, Michael
; APPLICANT: Harton, Johnathan
; APPLICANT: Williams, Kristi
; APPLICANT: Lich, John
; APPLICANT: O'Connor, William
; APPLICANT: Moore, Christopher
; APPLICANT: Davis, Beckley
; APPLICANT: Brickey, W. Jane
; APPLICANT: Conti, Brian

APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBHB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10138,674B
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20829
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 7655
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674B-7655

Query Match 4.1%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 3.1e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 854 GTCCTGGCTCCAGTT 868
Db 16 GCCCTGGCTCCATT 2

RESULT 439
US-10-138-674B-7735/c
; Sequence 7735, Application US/10138674B
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBHB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10138,674B
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20829
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 7735
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674B-7735

Query Match 4.1%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 3.1e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 797 CAAGAGCTCTCTCC 811
Db 15 CAGGAGCTCTCATCC 1

RESULT 440
PCT-US03-13562-99/c
; Sequence 99, Application PC/TUS0313562
; GENERAL INFORMATION:
; APPLICANT: University of North Carolina-Chapel Hill
; APPLICANT: Ting, Jenny
; APPLICANT: Linhoff, Michael
; APPLICANT: Harton, Johnathan
; APPLICANT: Williams, Kristi
; APPLICANT: Lich, John
; APPLICANT: O'Connor, William
; APPLICANT: Moore, Christopher
; APPLICANT: Davis, Beckley
; APPLICANT: Brickey, W. Jane
; APPLICANT: Conti, Brian

; APPLICANT: Zhang, Jinghua
 ; APPLICANT: Zhu, Xin-Sheng
 ; TITLE OF INVENTION: CATERPILLER GENE FAMILY
 ; FILE REFERENCE: 5470.368W0
 ; CURRENT APPLICATION NUMBER: PCT/US03/13562
 ; CURRENT FILING DATE: 2003-04-30
 ; PRIOR APPLICATION NUMBER: US 60/376,626
 ; PRIOR FILING DATE: 2002-04-30
 ; NUMBER OF SEQ ID NOS: 186
 ; SOFTWARE: PatentIn version 3.2
 ; SEQ ID NO 99
 ; LENGTH: 18
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Synthetic primer
 PCT-US03-13562-99

Query Match 4.1%; Score 11.8; DB 1; Length 18;
 Best Local Similarity 86.7%; Pred. No. 3.4e+02;
 Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 789 TCTGGTCCAGAGC 803
 DB 15 TCTGGTCCAGAGC 1

RESULT 441
 PCT-US04-04452-381/c
 ; Sequence 381, Application PC/TUS0404452
 ; GENERAL INFORMATION:
 ; APPLICANT: Bardelli, Alberto
 ; APPLICANT: Parsons, Will
 ; APPLICANT: Velculescu, Victor W.
 ; APPLICANT: Kinzler, Kenneth W.
 ; APPLICANT: Vogelstein, Bert
 ; TITLE OF INVENTION: TYROSINE KINASES IMPLICATED IN CANCERS
 ; FILE REFERENCE: 001107.00327
 ; CURRENT APPLICATION NUMBER: PCT/US04/04452
 ; CURRENT FILING DATE: 2004-02-18
 ; NUMBER OF SEQ ID NOS: 2191
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 381
 ; LENGTH: 18
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 PCT-US04-04452-381

Query Match 4.1%; Score 11.8; DB 1; Length 18;
 Best Local Similarity 86.7%; Pred. No. 3.4e+02;
 Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 926 CACCACCTCCAGAG 940
 DB 16 CACCACCTCCAGAG 2

RESULT 442
 PCT-US03-37948-687/c
 ; Sequence 687, Application PC/TUS0337948
 ; GENERAL INFORMATION:
 ; APPLICANT: Sequenom, Inc.
 ; APPLICANT: Roth, Richard B.
 ; APPLICANT: Nelson, Matthew Roberts
 ; APPLICANT: Braun, Andreas
 ; APPLICANT: Kammerer, Stefan M.
 ; APPLICANT: Reneland, Rikard
 ; TITLE OF INVENTION: METHODS FOR IDENTIFYING RISK OF BREAST
 ; FILE REFERENCE: 524592008940
 ; CURRENT APPLICATION NUMBER: PCT/US03/37948
 ; CURRENT FILING DATE: 2003-11-25
 ; PRIOR APPLICATION NUMBER: US 60/429,136

; PRIOR FILING DATE: 2002-11-25
 ; PRIOR APPLICATION NUMBER: US 60/490,234
 ; PRIOR FILING DATE: 2003-07-24
 ; NUMBER OF SEQ ID NOS: 834
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 687
 ; LENGTH: 18
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Primer
 PCT-US03-37948-687

Query Match 4.1%; Score 11.8; DB 1; Length 18;
 Best Local Similarity 86.7%; Pred. No. 3.4e+02;
 Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 831 CTCCTTCTCTCTG 845
 DB 17 CTCCTTCTCTCTG 3

RESULT 443
 PCT-US03-41761-14121
 ; Sequence 14121, Application PC/TUS0341761
 ; GENERAL INFORMATION:
 ; APPLICANT: MMI GENOMICS, INC.
 ; APPLICANT: Denise, Sue, K.
 ; APPLICANT: CHARIERIS, Paul
 ; APPLICANT: ROSENFELD, David
 ; APPLICANT: HOLM, Tom
 ; APPLICANT: BATES, Stephen
 ; TITLE OF INVENTION: COMPOSITIONS, METHODS, AND SYSTEMS FOR INFERRING BOVINE BREED
 ; FILE REFERENCE: MM11150W0
 ; CURRENT APPLICATION NUMBER: PCT/US03/41761
 ; CURRENT FILING DATE: 2003-12-31
 ; PRIOR APPLICATION NUMBER: US 60/437,482
 ; PRIOR FILING DATE: 2002-12-31
 ; NUMBER OF SEQ ID NOS: 64922
 ; SOFTWARE: PatentIn version 3.1
 ; SEQ ID NO 14121
 ; LENGTH: 18
 ; TYPE: DNA
 ; ORGANISM: Artificial sequence
 ; FEATURE:
 ; OTHER INFORMATION: Reverse Primer
 PCT-US03-41761-14121

Query Match 4.1%; Score 11.8; DB 1; Length 18;
 Best Local Similarity 86.7%; Pred. No. 3.4e+02;
 Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 873 CACTTTCCTGAGATG 887
 DB 3 CACTTTCCTGAGATG 17

RESULT 444
 PCT-US03-41761-16901
 ; Sequence 16901, Application PC/TUS0341761
 ; GENERAL INFORMATION:
 ; APPLICANT: MMI GENOMICS, INC.
 ; APPLICANT: Denise, Sue, K.
 ; APPLICANT: CHARIERIS, Paul
 ; APPLICANT: ROSENFELD, David
 ; APPLICANT: HOLM, Tom
 ; APPLICANT: BATES, Stephen
 ; TITLE OF INVENTION: COMPOSITIONS, METHODS, AND SYSTEMS FOR INFERRING BOVINE BREED
 ; FILE REFERENCE: MM11150W0
 ; CURRENT APPLICATION NUMBER: PCT/US03/41761
 ; CURRENT FILING DATE: 2003-12-31
 ; PRIOR APPLICATION NUMBER: US 60/437,482
 ; PRIOR FILING DATE: 2002-12-31

```
; NUMBER OF SEQ ID NOS: 64922
; SOFTWARE: PatentIN version 3.1
; SEQ ID NO 16901
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Forward Primer
PCT-US03-41761-16901

Query Match      4.1%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 3.4e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 920 CATCACCACCCCT 934
    ||||| |||||
Db 4 CATCACCACCCACT 18

RESULT 445
PCT-US03-41761-18225
; Sequence 18225, Application PC/TUS0341761
; GENERAL INFORMATION:
; APPLICANT: MMI GENOMICS, INC.
; APPLICANT: DENISE, Sue K.
; APPLICANT: KERR, Richard
; APPLICANT: CHARTERIS, Paul
; APPLICANT: ROSENFELD, David
; APPLICANT: HOLM, Tom
; APPLICANT: BATES, Stephen
; TITLE OF INVENTION: COMPOSITIONS, METHODS, AND SYSTEMS FOR INFERRING BOVINE BREED
; FILE REFERENCE: MM1150W0
; CURRENT APPLICATION NUMBER: PCT/US03/41761
; CURRENT FILING DATE: 2003-12-31
; PRIOR APPLICATION NUMBER: US 60/437,482
; PRIOR FILING DATE: 2002-12-31
; NUMBER OF SEQ ID NOS: 64922
; SOFTWARE: PatentIN version 3.1
; SEQ ID NO 18225
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Forward Primer
PCT-US03-41761-18225

Query Match      4.1%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 3.4e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 923 CACCACCACCCCTCCA 937
    ||||| |||||
Db 1 CACCAGCTCCCTCCA 15

RESULT 446
PCT-US03-41766A-14121
; Sequence 14121, Application PC/TUS0341766A
; GENERAL INFORMATION:
; APPLICANT: MMI GENOMICS, INC.
; APPLICANT: DENISE, Sue K.
; APPLICANT: KERR, Richard
; APPLICANT: ROSENFELD, David
; APPLICANT: HOLM, Tom
; APPLICANT: BATES, Stephen
; APPLICANT: FANTIN, Dennis
; TITLE OF INVENTION: COMPOSITIONS, METHODS AND SYSTEMS FOR INFERRING BOVINE TRAITS
; FILE REFERENCE: MM1100W0
; CURRENT APPLICATION NUMBER: PCT/US03/41766A
; CURRENT FILING DATE: 2003-12-31
; PRIOR APPLICATION NUMBER: US 60/437,482
; PRIOR FILING DATE: 2002-12-31
; NUMBER OF SEQ ID NOS: 64922
; SOFTWARE: PatentIN version 3.1

; NUMBER OF SEQ ID NOS: 64922
; SOFTWARE: PatentIN version 3.1
; SEQ ID NO 14121
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Reverse Primer
PCT-US03-41766A-14121

Query Match      4.1%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 3.4e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 873 CACTTTCCTGAGATG 887
    ||||| |||||
Db 3 CACTTTCCTGAGATG 17

RESULT 447
PCT-US03-41766A-16901
; Sequence 16901, Application PC/TUS0341766A
; GENERAL INFORMATION:
; APPLICANT: MMI GENOMICS, INC.
; APPLICANT: DENISE, Sue K.
; APPLICANT: KERR, Richard
; APPLICANT: ROSENFELD, David
; APPLICANT: HOLM, Tom
; APPLICANT: BATES, Stephen
; APPLICANT: FANTIN, Dennis
; TITLE OF INVENTION: COMPOSITIONS, METHODS AND SYSTEMS FOR INFERRING BOVINE TRAITS
; FILE REFERENCE: MM1100W0
; CURRENT APPLICATION NUMBER: PCT/US03/41766A
; CURRENT FILING DATE: 2003-12-31
; PRIOR APPLICATION NUMBER: US 60/437,482
; PRIOR FILING DATE: 2002-12-31
; NUMBER OF SEQ ID NOS: 64922
; SOFTWARE: PatentIN version 3.1
; SEQ ID NO 16901
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Forward Primer
PCT-US03-41766A-16901

Query Match      4.1%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 3.4e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 920 CATCACCACCCCT 934
    ||||| |||||
Db 4 CATCAGCTCCCTCCA 15

RESULT 448
PCT-US03-41766A-18225
; Sequence 18225, Application PC/TUS0341766A
; GENERAL INFORMATION:
; APPLICANT: MMI GENOMICS, INC.
; APPLICANT: DENISE, Sue K.
; APPLICANT: KERR, Richard
; APPLICANT: ROSENFELD, David
; APPLICANT: HOLM, Tom
; APPLICANT: BATES, Stephen
; APPLICANT: FANTIN, Dennis
; TITLE OF INVENTION: COMPOSITIONS, METHODS AND SYSTEMS FOR INFERRING BOVINE TRAITS
; FILE REFERENCE: MM1100W0
; CURRENT APPLICATION NUMBER: PCT/US03/41766A
; CURRENT FILING DATE: 2003-12-31
; PRIOR APPLICATION NUMBER: US 60/437,482
; PRIOR FILING DATE: 2002-12-31
; NUMBER OF SEQ ID NOS: 64922
; SOFTWARE: PatentIN version 3.1
; SEQ ID NO 18225
```

```
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Forward Primer
PCT-US03-41766A-18225

Query Match      4.1%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 3.4e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 923 CACCACCACTCTCCA 937
      ||||| |||||
Db 1 CACCAGCTCCCTCCA 15

RESULT 449
US-10-767-471-49820/c
; Sequence 49820, Application US/10767471
; GENERAL INFORMATION:
; APPLICANT: CARGILL, Michele et al.
; TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
; FILE REFERENCE: CLO01505
; CURRENT APPLICATION NUMBER: US/10/767,471
; CURRENT FILING DATE: 2004-01-30
; NUMBER OF SEQ ID NOS: 50231
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 49820
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-767-471-49820

Query Match      4.1%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 3.4e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 936 CAGAGATTTTACGC 950
      ||||| |||||
Db 18 CAGAGATTTTCCGC 4

RESULT 450
US-10-789-159-9/c
; Sequence 9, Application US/10789159
; GENERAL INFORMATION:
; APPLICANT: Ochiya, Takahiro
; APPLICANT: Teratani, Takumi
; TITLE OF INVENTION: Methods for Inducing Differentiation of
; FILE REFERENCE: 082368-000200US
; CURRENT APPLICATION NUMBER: US/10/789,159
; CURRENT FILING DATE: 2004-02-27
; PRIOR APPLICATION NUMBER: JP 2003-295523
; PRIOR FILING DATE: 2003-08-19
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 9
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: An artificially synthesized primer sequence
US-10-789-159-9

Query Match      4.1%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 3.4e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 861 CTCAGTTGGAACAC 875
      ||||| |||||

US-10-789-159-25/c
; Sequence 25, Application US/10789159
; GENERAL INFORMATION:
; APPLICANT: Ochiya, Takahiro
; APPLICANT: Teratani, Takumi
; TITLE OF INVENTION: Methods for Inducing Differentiation of
; FILE REFERENCE: 082368-000200US
; CURRENT APPLICATION NUMBER: US/10/789,159
; CURRENT FILING DATE: 2004-02-27
; PRIOR APPLICATION NUMBER: JP 2003-295523
; PRIOR FILING DATE: 2003-08-19
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 25
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: An artificially synthesized primer sequence
US-10-789-159-25

Query Match      4.1%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 3.4e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 861 CTCAGTTGGAACAC 875
      ||||| |||||
Db 17 CTCCTGTTGGAATAC 3

RESULT 451
US-10-013-910A-453
; Sequence 453, Application US/10013910A
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C33
; CURRENT APPLICATION NUMBER: US/10/013,910A
; CURRENT FILING DATE: 2001-12-10
; PRIOR APPLICATION NUMBER: 60/098716
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098723
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098749
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098750
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098803
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/098821
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/098843
; PRIOR FILING DATE: 1998-09-02
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; PRIOR APPLICATION NUMBER: 60/099536
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099596
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099598
; PRIOR FILING DATE: 1998-09-09
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 453
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-013-910A-453

Query Match 4.1%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 3.4e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 788 CTCCTGGTGCCACAG 802
Db 1 CTCCTGGTGCCACAG 15

RESULT 453
US-10-708-951-2121/c
; Sequence 2121, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; FILE REFERENCE: 55034
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 2121
; LENGTH: 18
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-2121

Query Match 4.1%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 3.4e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 974 AAATCTGCTGTATGG 988
Db 15 AAATCTGCTGTATGG 1

RESULT 454
US-10-708-951-8480/c
; Sequence 8480, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; FILE REFERENCE: 55034
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 8480
; LENGTH: 18
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-8480

Query Match 4.1%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 3.4e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 974 AAATCTGCTGTATGG 988
Db 15 AAATCTGCTGTATGG 1

RESULT 455
US-10-708-951-11096/c
; Sequence 11096, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; FILE REFERENCE: 55034
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 11096
; LENGTH: 18
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-11096

Query Match 4.1%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 3.4e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 974 AAATCTGCTGTATGG 988
Db 15 AAATCTGCTGTATGG 1

RESULT 456
US-10-708-951-11997/c
; Sequence 11997, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; FILE REFERENCE: 55034
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 11997
; LENGTH: 18
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-11997

Query Match 4.1%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 3.4e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 974 AAATCTGCTGTATGG 988
Db 15 AAATCTGCTGTATGG 1

RESULT 457
US-10-708-951-13203/c
; Sequence 13203, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; FILE REFERENCE: 55034
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 13203

```
; LENGTH: 18
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-13203

Query Match      4.1%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 3.4e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 974 AAATCTGCTGTATGG 988
Db 15 AAATCTGTTGAATGG 1

RESULT 458
US-10-708-951-17224/c
; Sequence 17224, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 17224
; LENGTH: 18
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-17224

Query Match      4.1%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 3.4e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 974 AAATCTGCTGTATGG 988
Db 15 AAATCTGTTGAATGG 1

RESULT 459
US-10-708-951-24157/c
; Sequence 24157, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 24157
; LENGTH: 18
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-24157

Query Match      4.1%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 3.4e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 837 TCTTCTCTGAAGACA 851
Db 15 TCTGCTATGAAGACA 1

RESULT 460
US-10-708-951-28387/c
; Sequence 28387, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
```

```
; LENGTH: 18
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-13203

Query Match      4.1%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 3.4e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 974 AAATCTGCTGTATGG 988
Db 15 AAATCTGTTGAATGG 1

RESULT 458
US-10-708-951-17224/c
; Sequence 17224, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 17224
; LENGTH: 18
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-17224

Query Match      4.1%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 3.4e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 974 AAATCTGCTGTATGG 988
Db 15 AAATCTGTTGAATGG 1

RESULT 459
US-10-708-951-24157/c
; Sequence 24157, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 24157
; LENGTH: 18
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-24157

Query Match      4.1%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 3.4e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 837 TCTTCTCTGAAGACA 851
Db 15 TCTGCTATGAAGACA 1

RESULT 460
US-10-708-951-28387/c
; Sequence 28387, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
```

```
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 28387
; LENGTH: 18
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-28387

Query Match      4.1%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 3.4e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 837 TCTTCTCTGAAGACA 851
Db 15 TCTGCTATGAAGACA 1

RESULT 461
US-10-708-951-32485/c
; Sequence 32485, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 32485
; LENGTH: 18
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-32485

Query Match      4.1%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 3.4e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 837 TCTTCTCTGAAGACA 851
Db 15 TCTGCTATGAAGACA 1

RESULT 462
US-10-708-951-34318
; Sequence 34318, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 34318
; LENGTH: 18
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-34318

Query Match      4.1%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 3.4e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 706 AGCGAGTCCGAGGAG 720
```

Db 3 AGCGAGCCCGAGCG 17

RESULT 463

US-10-708-951-44958

Sequence 44958, Application US/10708951

GENERAL INFORMATION:

APPLICANT: ROSETTA GENOMICS LTD

TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL

FILE REFERENCE: 55034

CURRENT APPLICATION NUMBER: US/10/708,951

CURRENT FILING DATE: 2004-04-02

NUMBER OF SEQ ID NOS: 59824

SOFTWARE: PatentIn version 3.2

SEQ ID NO 44958

LENGTH: 18

TYPE: RNA

ORGANISM: Homo sapiens

US-10-708-951-44958

Query Match 4.1%; Score 11.8; DB 1; Length 18;

Best Local Similarity 86.7%; Pred. No. 3.4e+02;

Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 706 AGCGAGTCCCGAGGAG 720

Db 3 AGCGAGCCCGAGCG 17

RESULT 464

US-10-708-951-46624/c

Sequence 46624, Application US/10708951

GENERAL INFORMATION:

APPLICANT: ROSETTA GENOMICS LTD

TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL

FILE REFERENCE: 55034

CURRENT APPLICATION NUMBER: US/10/708,951

CURRENT FILING DATE: 2004-04-02

NUMBER OF SEQ ID NOS: 59824

SOFTWARE: PatentIn version 3.2

SEQ ID NO 46624

LENGTH: 18

TYPE: RNA

ORGANISM: Homo sapiens

US-10-708-951-46624

Query Match 4.1%; Score 11.8; DB 1; Length 18;

Best Local Similarity 86.7%; Pred. No. 3.4e+02;

Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 837 TCTTCTCTGAAGACA 851

Db 15 TCTGCTATGAAGACA 1

RESULT 465

US-10-830-475-74/c

Sequence 74, Application US/10830475

GENERAL INFORMATION:

APPLICANT: Lex M. Cowsert

Brenda F. Baker

John McNeil

Susan M. Freier

Henri M. Sasnor

Douglas G. Brooks

Cara Ohashi

Jacqueline R. Wyatt

Alexander Borchers

Timothy A. Vickers

TITLE OF INVENTION: Identification of Genetic

Targets for Modulation By Oligonucleotides and

Generation of Oligonucleotides for Gene

Modulation

NUMBER OF SEQUENCES: 112

CORRESPONDENCE ADDRESS:

ADDRESSEE: WOODCOCK WASHBURN KURTZ

STREET: 1 LIBERTY PLACE 46TH FLOOR

CITY: PHILADELPHIA

STATE: PA

COUNTRY: USA

ZIP: 19103

COMPUTER READABLE FORM:

MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB

COMPUTER: IBM

OPERATING SYSTEM: PC-Windows NT

SOFTWARE: WORD PERFECT 6.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/10/830,475

FILING DATE: 21-Apr-2004

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/09/067,638B

FILING DATE: 28-APR-1998

APPLICATION NUMBER: 60/081,483

FILING DATE: 13-APR-1998

ATTORNEY/AGENT INFORMATION:

NAME: John W. Caldwell

REGISTRATION NUMBER: 28,937

REFERENCE/DOCKET NUMBER: ISIS-2960

TELECOMMUNICATION INFORMATION:

TELEPHONE: (215) 568-3100

TELEFAX: (215) 568-3439

INFORMATION FOR SEQ ID NO: 74:

SEQUENCE CHARACTERISTICS:

LENGTH: 18

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

SEQUENCE DESCRIPTION: SEQ ID NO: 74:

US-10-830-475-74

Query Match 4.1%; Score 11.8; DB 1; Length 18;

Best Local Similarity 86.7%; Pred. No. 3.4e+02;

Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 851 AGCGTCCTGGCTCCA 865

Db 15 ATCTTCCTGGCTCCA 1

RESULT 466

US-10-698-689-74/c

Sequence 74, Application US/10698689

GENERAL INFORMATION:

APPLICANT: Bennett, C. Frank

APPLICANT: Cowsert, Lex M.

APPLICANT: Malik, Leila

APPLICANT: Siwkowski, Andrew

APPLICANT: Eldrup, Anne B.

TITLE OF INVENTION: ANTISENSE MODULATION OF CD40 EXPRESSION

FILE REFERENCE: ISIS-5315

CURRENT APPLICATION NUMBER: US/10/698,689

CURRENT FILING DATE: 2003-10-31

PRIOR APPLICATION NUMBER: PCT/US03/31166

PRIOR FILING DATE: 2003-09-30

PRIOR APPLICATION NUMBER: US 10/261,382

PRIOR FILING DATE: 2002-09-30

PRIOR APPLICATION NUMBER: US 09/067,638

PRIOR FILING DATE: 1998-04-28

PRIOR APPLICATION NUMBER: US 60/081,483

PRIOR FILING DATE: 1998-04-13

NUMBER OF SEQ ID NOS: 248

SOFTWARE: PatentIn version 3.2

```
; SEQ ID NO 74
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Construct
US-10-698-689-74

Query Match      4.1%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 3.4e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      851 AGCGTCTGGCTCCA 865
Db      15 ATCTTCTGGCTCCA 1

RESULT 467
US-10-698-689-238
; Sequence 238, Application US/10698689
; GENERAL INFORMATION:
; APPLICANT: Bennett, C. Frank
; APPLICANT: Cowsett, Lex M.
; APPLICANT: Malik, Lella
; APPLICANT: Siwkowski, Andrew
; APPLICANT: Eldrup, Anne B.
; TITLE OF INVENTION: ANTISENSE MODULATION OF CD40 EXPRESSION
; FILE REFERENCE: ISIS-5315
; CURRENT APPLICATION NUMBER: US/10/698,689
; CURRENT FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US03/31166
; PRIOR FILING DATE: 2003-09-30
; PRIOR APPLICATION NUMBER: US 10/261,382
; PRIOR FILING DATE: 2002-09-30
; PRIOR APPLICATION NUMBER: US 09/067,638
; PRIOR FILING DATE: 1998-04-28
; PRIOR APPLICATION NUMBER: US 60/081,483
; PRIOR FILING DATE: 1998-04-13
; NUMBER OF SEQ ID NOS: 248
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 238
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Construct
US-10-698-689-238

Query Match      4.1%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 3.4e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      851 AGCGTCTGGCTCCA 865
Db      4 ATCTTCTGGCTCCA 18

RESULT 468
US-10-138-674B-1487
; Sequence 1487, Application US/10138674B
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MEH800-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674B
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20829
; SOFTWARE: PatentIn version 3.0
```

```
; SEQ ID NO 1487
; LENGTH: 18
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674B-1487

Query Match      4.1%; Score 11.8; DB 1; Length 18;
Best Local Similarity 66.7%; Pred. No. 3.4e+02;
Matches 10; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY      861 CTCGAGTTGGACAC 875
Db      3 CUCCAGUUGGACUC 17

RESULT 469
US-10-486-319A-115/c
; Sequence 115, Application US/10486319A
; GENERAL INFORMATION:
; APPLICANT: Epigenomics AG
; TITLE OF INVENTION: Method and nucleic acids for the analysis of colon cancer
; FILE REFERENCE:
; CURRENT APPLICATION NUMBER: US/10/486,319A
; CURRENT FILING DATE: 2004-02-09
; NUMBER OF SEQ ID NOS: 527
; SEQ ID NO 115
; LENGTH: 18
; TYPE: DNA <213> Artificial Sequence
; ORGANISM:
; FEATURE:
; OTHER INFORMATION: Detection oligonucleotide for ESR1
US-10-486-319A-115

Query Match      4.1%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 3.4e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      916 TTATCATCACCACCA 930
Db      17 TTATCATCACTACTA 3

RESULT 470
US-10-486-319A-117
; Sequence 117, Application US/10486319A
; GENERAL INFORMATION:
; APPLICANT: Epigenomics AG
; TITLE OF INVENTION: Method and nucleic acids for the analysis of colon cancer
; FILE REFERENCE:
; CURRENT APPLICATION NUMBER: US/10/486,319A
; CURRENT FILING DATE: 2004-02-09
; NUMBER OF SEQ ID NOS: 527
; SEQ ID NO 117
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Detection oligonucleotide for ESR1
US-10-486-319A-117

Query Match      4.1%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 3.4e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      916 TTATCATCACCACCA 930
Db      2 TTATCATCACTACTA 16

RESULT 471
US-60-568-845-39450/c
; Sequence 39450, Application US/60568845
; GENERAL INFORMATION:
```

; APPLICANT: CARIGILL, Michele et al.
; TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
; FILE REFERENCE: STENOSIS, METHODS OF DETECTION AND USES THEREOF
; CURRENT APPLICATION NUMBER: US/60/568,845
; NUMBER OF SEQ ID NOS: 39608
; SOFTWARE: Fast-Seq for Windows Version 4.0
; SEQ ID NO 39450
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
US-60-568-845-39450

Query Match 4.1%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 3.4e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 936 CAGAGATTTCACG 950
Db 18 CAGAGATTTCACG 4

RESULT 472
US-10-257-017B-131451/c
; Sequence 131451, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 131451
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0032808
US-10-257-017B-131451

Query Match 4.0%; Score 11.6; DB 1; Length 13;
Best Local Similarity 91.7%; Pred. No. 2.3e+02;
Matches 11; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 924 ACCACCACCCCTC 935
Db 13 RCCACCACCCCTC 2

RESULT 473
US-10-257-017B-131452
; Sequence 131452, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 131452
; LENGTH: 13
; TYPE: DNA

; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0032808
US-10-257-017B-131452

Query Match 4.0%; Score 11.6; DB 1; Length 13;
Best Local Similarity 91.7%; Pred. No. 2.3e+02;
Matches 11; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 924 ACCACCACCCCTC 935
Db 1 RCCACCACCCCTC 12

RESULT 474
US-10-257-017B-140551
; Sequence 140551, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 140551
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0035239
US-10-257-017B-140551

Query Match 4.0%; Score 11.6; DB 1; Length 13;
Best Local Similarity 91.7%; Pred. No. 2.3e+02;
Matches 11; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 937 AGAGAATTTTAC 948
Db 2 AGAGAATTTTAY 13

RESULT 475
US-10-257-017B-140552/c
; Sequence 140552, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 140552
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0035239
US-10-257-017B-140552

Query Match 4.0%; Score 11.6; DB 1; Length 13;
Best Local Similarity 91.7%; Pred. No. 2.3e+02;
Matches 11; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

[illegible]

; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 63569
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0016788
US-10-257-017B-63569

Query Match 3.9%; Score 11.4; DB 1; Length 13;
Best Local Similarity 92.3%; Pred. No. 2.5e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 915 ATTATCATCACCA 927
Db 13 ATCATCATCACCA 1

RESULT 481
US-10-257-017B-63570
; Sequence 63570, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 63570
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0016788
US-10-257-017B-63570

Query Match 3.9%; Score 11.4; DB 1; Length 13;
Best Local Similarity 92.3%; Pred. No. 2.5e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 915 ATTATCATCACCA 927
Db 1 ATCATCATCACCA 13

RESULT 482
US-10-257-017B-99045/c
; Sequence 99045, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 99045
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0024599
US-10-257-017B-99045

Query Match 3.9%; Score 11.4; DB 1; Length 13;
Best Local Similarity 92.3%; Pred. No. 2.5e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 920 CATCACCAACC 932
Db 13 CATCACCAACC 1

RESULT 483
US-10-257-017B-99046
; Sequence 99046, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 99046
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0024599
US-10-257-017B-99046

Query Match 3.9%; Score 11.4; DB 1; Length 13;
Best Local Similarity 92.3%; Pred. No. 2.5e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 920 CATCACCAACC 932
Db 1 CATCACCAACC 13

RESULT 484
US-10-257-017B-114527/c
; Sequence 114527, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 114527
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0028668
US-10-257-017B-114527

Query Match 3.9%; Score 11.4; DB 1; Length 13;
Best Local Similarity 92.3%; Pred. No. 2.5e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 925 CCACCACCCCTCA 937
Db 13 CCACCACCCCTCA 1

```

RESULT 485
US-10-257-017B-114528
; Sequence 114528, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 114528
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0028668
US-10-257-017B-114528

Query Match      3.9%; Score 11.4; DB 1; Length 13;
Best Local Similarity 92.3%; Pred. No. 2.5e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      925 CCACCACCCCTCCA 937
DB      1 CCACCACCCCTCAA 13

RESULT 486
US-10-257-017B-136115/c
; Sequence 136115, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 136115
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0033992
US-10-257-017B-136115

Query Match      3.9%; Score 11.4; DB 1; Length 13;
Best Local Similarity 92.3%; Pred. No. 2.5e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      921 ATCACCACCCACC 933
DB      13 ATCACCACCCACC 1

RESULT 487
US-10-257-017B-136116
; Sequence 136116, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine

```

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; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 136116
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0033992
US-10-257-017B-136116

Query Match      3.9%; Score 11.4; DB 1; Length 13;
Best Local Similarity 92.3%; Pred. No. 2.5e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      921 ATCACCACCCACC 933
DB      1 AACACCACCCACC 13

RESULT 488
US-10-257-017B-137361/c
; Sequence 137361, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 137361
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0034314
US-10-257-017B-137361

Query Match      3.9%; Score 11.4; DB 1; Length 13;
Best Local Similarity 92.3%; Pred. No. 2.5e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      803 CTCCTCTCCAACT 815
DB      13 CTCCTCCAACT 1

RESULT 489
US-10-257-017B-137362
; Sequence 137362, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 137362
; LENGTH: 13

```



```
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0034314
US-10-257-017B-137362

Query Match.          3.9%; Score 11.4; DB 1; Length 13;
Best Local Similarity 92.3%; Pred. No. 2.5e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      803 CTCCTCTCCAACT 815
Db      1 CTCCTCCGCAACT 13
||||| |||||

RESULT 490
US-10-257-017B-137365/c
; Sequence 137365, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; CURRENT FILING DATE: 2002-10-07
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 137365
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0034314
US-10-257-017B-137365

Query Match          3.9%; Score 11.4; DB 1; Length 13;
Best Local Similarity 92.3%; Pred. No. 2.5e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      803 CTCCTCTCCAACT 815
Db      13 CTCCTCCGCAACT 1
||||| |||||

RESULT 491
US-10-257-017B-137366
; Sequence 137366, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; CURRENT FILING DATE: 2002-10-07
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 137366
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0034314
US-10-257-017B-137366

Query Match          3.9%; Score 11.4; DB 1; Length 13;
Best Local Similarity 92.3%; Pred. No. 2.5e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      803 CTCCTCTCCAACT 815
Db      13 CTCCTCCGCAACT 1
||||| |||||

RESULT 492
US-10-257-017B-140777/c
; Sequence 140777, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; CURRENT FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 140777
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0035273
US-10-257-017B-140777

Query Match          3.9%; Score 11.4; DB 1; Length 13;
Best Local Similarity 92.3%; Pred. No. 2.5e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      923 CACCACCACCTC 935
Db      13 CACCACCACATC 1
||||| |||||

RESULT 493
US-10-257-017B-140778
; Sequence 140778, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; CURRENT FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 140778
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0035273
US-10-257-017B-140778

Query Match          3.9%; Score 11.4; DB 1; Length 13;
Best Local Similarity 92.3%; Pred. No. 2.5e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      923 CACCACCACCTC 935
Db      1 CACCACCACATC 13
||||| |||||

RESULT 494
US-10-257-017B-140787/c
; Sequence 140787, Application US/10257017B
```

```
Query Match          3.9%; Score 11.4; DB 1; Length 13;
Best Local Similarity 92.3%; Pred. No. 2.5e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```

; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 140787
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0035274
US-10-257-017B-140787

Query Match          3.9%; Score 11.4; DB 1; Length 13;
Best Local Similarity 92.3%; Pred. No. 2.5e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 924 ACCACCACTCC 936
Db 13 ACCACCACTCC 1

RESULT 495
US-10-257-017B-140788
; Sequence 140788, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 140788
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0035274
US-10-257-017B-140788

Query Match          3.9%; Score 11.4; DB 1; Length 13;
Best Local Similarity 92.3%; Pred. No. 2.5e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 924 ACCACCACTCC 936
Db 1 ACCACCACTCC 13

RESULT 496
US-10-257-017B-147143/c
; Sequence 147143, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 140787
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0037153
US-10-257-017B-147143

Query Match          3.9%; Score 11.4; DB 1; Length 13;
Best Local Similarity 92.3%; Pred. No. 2.5e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 942 ATTTACGCAAGA 954
Db 13 ATTTACGCAAGA 13

RESULT 497
US-10-257-017B-147144
; Sequence 147144, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 147144
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0037153
US-10-257-017B-147144

Query Match          3.9%; Score 11.4; DB 1; Length 13;
Best Local Similarity 92.3%; Pred. No. 2.5e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 942 ATTTACGCAAGA 954
Db 13 ATTTACGCAAGA 13

RESULT 498
US-10-257-017B-150803/c
; Sequence 150803, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 150803
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0038060
US-10-257-017B-150803
```

US-10-257-017B-150803

Query Match 3.9%; Score 11.4; DB 1; Length 13;
Best Local Similarity 92.3%; Pred. No. 2.5e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 921 ATCACCACCAACC 933
Db 13 ACCACCACCAACC 1

RESULT 499

US-10-257-017B-150804
; Sequence 150804, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 150804
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0038060
US-10-257-017B-150804

Query Match 3.9%; Score 11.4; DB 1; Length 13;
Best Local Similarity 92.3%; Pred. No. 2.5e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 921 ATCACCACCAACC 933
Db 1 ACCACCACCAACC 13

RESULT 500

US-10-257-017B-151677/c
; Sequence 151677, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 151677
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0038319
US-10-257-017B-151677

Query Match 3.9%; Score 11.4; DB 1; Length 13;
Best Local Similarity 92.3%; Pred. No. 2.5e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 921 ATCACCACCAACC 933
Db 13 ATCACCACCAACC 1

RESULT 501

US-10-257-017B-151678
; Sequence 151678, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 151678
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0038319
US-10-257-017B-151678

Query Match 3.9%; Score 11.4; DB 1; Length 13;
Best Local Similarity 92.3%; Pred. No. 2.5e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 921 ATCACCACCAACC 933
Db 1 ATCACCACCAACC 13

RESULT 502

US-10-257-017B-156229/c
; Sequence 156229, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 156229
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0039409
US-10-257-017B-156229

Query Match 3.9%; Score 11.4; DB 1; Length 13;
Best Local Similarity 92.3%; Pred. No. 2.5e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 888 CACTTACTTCTCA 900
Db 13 CACTTACTTCTTA 1

RESULT 503

US-10-257-017B-156230
; Sequence 156230, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin

```
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 156230
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0039409
US-10-257-017B-156230

Query Match      3.9%; Score 11.4; DB 1; Length 13;
Best Local Similarity 92.3%; Pred. No. 2.5e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      888 CACTTACTTCTCA 900
Db      1 CACTTACTTCTTA 13

RESULT 504
US-10-257-017B-165631
; Sequence 165631, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 165631
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0041532
US-10-257-017B-165631

Query Match      3.9%; Score 11.4; DB 1; Length 13;
Best Local Similarity 92.3%; Pred. No. 2.5e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      941 AATTTACGCAAG 953
Db      1 AATTTACGTAAG 13

RESULT 505
US-10-257-017B-165632/c
; Sequence 165632, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 165632
```

```
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0041532
US-10-257-017B-165632

Query Match      3.9%; Score 11.4; DB 1; Length 13;
Best Local Similarity 92.3%; Pred. No. 2.5e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      941 AATTTACGCAAG 953
Db      13 AATTTACGTAAG 1

RESULT 506
US-10-257-017B-168099/c
; Sequence 168099, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 168099
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0042044
US-10-257-017B-168099

Query Match      3.9%; Score 11.4; DB 1; Length 13;
Best Local Similarity 92.3%; Pred. No. 2.5e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      967 ACTCTCTAAATCT 979
Db      13 ACTCTCTAAACT 1

RESULT 507
US-10-257-017B-168100
; Sequence 168100, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 168100
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0042044
US-10-257-017B-168100

Query Match      3.9%; Score 11.4; DB 1; Length 13;
Best Local Similarity 92.3%; Pred. No. 2.5e+02;
```

```
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 967 ACTCTCTAAATCT 979
Db 1 ACTCTCTAAATCT 13

RESULT 508
US-10-257-017B-184665/c
; Sequence 184665, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 184665
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0045559
US-10-257-017B-184665

Query Match 3.9%; Score 11.4; DB 1; Length 13;
Best Local Similarity 92.3%; Pred. No. 2.5e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 832 TCTTTCTTCTCT 844
Db 13 TCTTCTTCTCT 1

RESULT 509
US-10-257-017B-184666
; Sequence 184666, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 184666
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0045559
US-10-257-017B-184666

Query Match 3.9%; Score 11.4; DB 1; Length 13;
Best Local Similarity 92.3%; Pred. No. 2.5e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 832 TCTTTCTTCTCT 844
Db 1 TCTTCTTCTCT 13

RESULT 510
US-10-257-017B-213753/c
```

```
; Sequence 213753, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 213753
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0052036
US-10-257-017B-213753

Query Match 3.9%; Score 11.4; DB 1; Length 13;
Best Local Similarity 92.3%; Pred. No. 2.5e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 967 ACTCTCTAAATCT 979
Db 13 ACTCTCTAAATCT 1

RESULT 511
US-10-257-017B-213754
; Sequence 213754, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 213754
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0052036
US-10-257-017B-213754

Query Match 3.9%; Score 11.4; DB 1; Length 13;
Best Local Similarity 92.3%; Pred. No. 2.5e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 967 ACTCTCTAAATCT 979
Db 1 ACTCTCTAAATCT 13

RESULT 512
US-10-257-017B-225397
; Sequence 225397, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
```

```
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 225397
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0054945
US-10-257-017B-225397
```

```
Query Match          3.9%; Score 11.4; DB 1; Length 13;
Best Local Similarity 92.3%; Pred. No. 2.5e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
Qy      979 TGGTGTATGGGTA 991
Db      1 TGGTGTATGGGAA 13
```

```
RESULT 513
US-10-257-017B-225398/c
; Sequence 225398, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 225398
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0054945
US-10-257-017B-225398
```

```
Query Match          3.9%; Score 11.4; DB 1; Length 13;
Best Local Similarity 92.3%; Pred. No. 2.5e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
Qy      979 TGGTGTATGGGTA 991
Db      13 TGGTGTATGGGAA 1
```

```
RESULT 514
US-10-257-017B-245887/c
; Sequence 245887, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 245887
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
```

```
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0060075
US-10-257-017B-245887
```

```
Query Match          3.9%; Score 11.4; DB 1; Length 13;
Best Local Similarity 92.3%; Pred. No. 2.5e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
Qy      832 TCTTTCTCTCTCT 844
Db      13 TCTTTCTCTCTCT 1
```

```
RESULT 515
US-10-257-017B-245888
; Sequence 245888, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 245888
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0060075
US-10-257-017B-245888
```

```
Query Match          3.9%; Score 11.4; DB 1; Length 13;
Best Local Similarity 92.3%; Pred. No. 2.5e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
Qy      832 TCTTTCTCTCTCT 844
Db      1 TCTTTCTCTCTCT 13
```

```
RESULT 516
US-10-257-017B-257783/c
; Sequence 257783, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 257783
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0060698
US-10-257-017B-257783
```

```
Query Match          3.9%; Score 11.4; DB 1; Length 13;
Best Local Similarity 92.3%; Pred. No. 2.5e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
Qy      891 TTACTTCTCAGCT 903
          |||||
```

Db 13 TTACTTCTCATCT 1

RESULT 517

US-10-257-017B-257784

; Sequence 257784, Application US/10257017B

; GENERAL INFORMATION:

; APPLICANT: Alexander Olek

; APPLICANT: Christian Piepenbrock

; APPLICANT: Kurt Berlin

; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine

; TITLE OF INVENTION: methylations

; FILE REFERENCE: E01/1193/WO

; CURRENT APPLICATION NUMBER: US/10/257,017B

; CURRENT FILING DATE: 2002-10-07

; PRIOR APPLICATION NUMBER: DE 10019173.8

; PRIOR FILING DATE: 2000-04-07

; NUMBER OF SEQ ID NOS: 382046

; SEQ ID NO 257784

; LENGTH: 13

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0006698

US-10-257-017B-257784

Query Match 3.9%; Score 11.4; DB 1; Length 13;

Best Local Similarity 92.3%; Pred. No. 2.5e+02;

Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 891 TTACTTCTCAGCT 903

Db 1 TTACTTCTCATCT 13

RESULT 518

US-10-708-951-23845

; Sequence 23845, Application US/10708951

; GENERAL INFORMATION:

; APPLICANT: ROSETTA GENOMICS LTD

; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL

; TITLE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF

; FILE REFERENCE: 55034

; CURRENT APPLICATION NUMBER: US/10/708,951

; CURRENT FILING DATE: 2004-04-02

; NUMBER OF SEQ ID NOS: 59824

; SOFTWARE: PatentIn version 3.2

; SEQ ID NO 23845

; LENGTH: 13

; TYPE: RNA

; ORGANISM: Homo sapiens

US-10-708-951-23845

Query Match 3.9%; Score 11.4; DB 1; Length 13;

Best Local Similarity 69.2%; Pred. No. 2.5e+02;

Matches 9; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 787 CCTCTGGTGCCAA 799

Db 1 CCUCUGUGCCAA 13

RESULT 519

US-10-708-951-28519

; Sequence 28519, Application US/10708951

; GENERAL INFORMATION:

; APPLICANT: ROSETTA GENOMICS LTD

; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL

; TITLE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF

; FILE REFERENCE: 55034

; CURRENT APPLICATION NUMBER: US/10/708,951

; CURRENT FILING DATE: 2004-04-02

; NUMBER OF SEQ ID NOS: 59824

; SOFTWARE: PatentIn version 3.2

; SEQ ID NO 28519

; LENGTH: 13

; TYPE: RNA

; ORGANISM: Homo sapiens

US-10-708-951-28519

Query Match 3.9%; Score 11.4; DB 1; Length 13;

Best Local Similarity 69.2%; Pred. No. 2.5e+02;

Matches 9; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 787 CCTCTGGTGCCAA 799

Db 1 CCUCUGUGCCAA 13

RESULT 520

US-10-708-951-33914

; Sequence 33914, Application US/10708951

; GENERAL INFORMATION:

; APPLICANT: ROSETTA GENOMICS LTD

; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL

; TITLE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF

; FILE REFERENCE: 55034

; CURRENT APPLICATION NUMBER: US/10/708,951

; CURRENT FILING DATE: 2004-04-02

; NUMBER OF SEQ ID NOS: 59824

; SOFTWARE: PatentIn version 3.2

; SEQ ID NO 33914

; LENGTH: 13

; TYPE: RNA

; ORGANISM: Homo sapiens

US-10-708-951-33914

Query Match 3.9%; Score 11.4; DB 1; Length 13;

Best Local Similarity 69.2%; Pred. No. 2.5e+02;

Matches 9; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 787 CCTCTGGTGCCAA 799

Db 1 CCUCUGUGCCAA 13

RESULT 521

US-10-708-951-42973

; Sequence 42973, Application US/10708951

; GENERAL INFORMATION:

; APPLICANT: ROSETTA GENOMICS LTD

; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL

; TITLE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF

; FILE REFERENCE: 55034

; CURRENT APPLICATION NUMBER: US/10/708,951

; CURRENT FILING DATE: 2004-04-02

; NUMBER OF SEQ ID NOS: 59824

; SOFTWARE: PatentIn version 3.2

; SEQ ID NO 42973

; LENGTH: 13

; TYPE: RNA

; ORGANISM: Homo sapiens

US-10-708-951-42973

Query Match 3.9%; Score 11.4; DB 1; Length 13;

Best Local Similarity 69.2%; Pred. No. 2.5e+02;

Matches 9; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 787 CCTCTGGTGCCAA 799

Db 1 CCUCUGUGCCAA 13

RESULT 522

US-10-708-951-34578

; Sequence 34578, Application US/10708951

GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; TITLE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 34578
; LENGTH: 14
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-34578

Query Match 3.9%; Score 11.4; DB 1; Length 14;
Best Local Similarity 92.3%; Pred. No. 2.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 706 AGCGAGTCCCAGG 718
Db 1 AGCGAGCCCCAGG 13

RESULT 523
US-10-708-951-36050
; Sequence 36050, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; TITLE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 36050
; LENGTH: 14
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-36050

Query Match 3.9%; Score 11.4; DB 1; Length 14;
Best Local Similarity 92.3%; Pred. No. 2.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 706 AGCGAGTCCCAGG 718
Db 2 AGCGAGCCCCAGG 14

RESULT 524
US-10-708-951-47661
; Sequence 47661, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; TITLE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 47661
; LENGTH: 14
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-47661

Query Match 3.9%; Score 11.4; DB 1; Length 14;
Best Local Similarity 92.3%; Pred. No. 2.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 706 AGCGAGTCCCAGG 718
Db 1 AGCGAGCCCCAGG 13

RESULT 525
US-10-708-951-50559
; Sequence 50559, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; TITLE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 50559
; LENGTH: 14
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-50559

Query Match 3.9%; Score 11.4; DB 1; Length 14;
Best Local Similarity 92.3%; Pred. No. 2.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 706 AGCGAGTCCCAGG 718
Db 2 AGCGAGCCCCAGG 14

RESULT 526
US-10-708-951-24246/c
; Sequence 24246, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; TITLE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 24246
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-24246

Query Match 3.9%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 3.1e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 876 TTTCCTGAGATGC 888
Db 14 TCTCTGAGATGC 2

RESULT 527
US-10-708-951-26948/c
; Sequence 26948, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; TITLE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 26948
; LENGTH: 15


```
; TITLE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 41240
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-41240

Query Match      3.9%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 3.1e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      876 TTTCCTGAGATGC 888
DB      14 TCTCCTGAGATGC 2

RESULT 528
US-10-708-951-32040/c
; Sequence 32040, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 32040
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-32040

Query Match      3.9%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 3.1e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      876 TTTCCTGAGATGC 888
DB      14 TCTCCTGAGATGC 2

RESULT 529
US-10-708-951-34477
; Sequence 34477, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 34477
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-34477

Query Match      3.9%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 3.1e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      706 AGCGAGTCCAGG 718
DB      2 AGCGAGCCCCAGG 14

RESULT 530
US-10-708-951-41240/c
; Sequence 41240, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
```

```
; TITLE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 41240
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-41240

Query Match      3.9%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 3.1e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      876 TTTCCTGAGATGC 888
DB      14 TCTCCTGAGATGC 2

RESULT 531
US-10-708-951-50560
; Sequence 50560, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 50560
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-50560

Query Match      3.9%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 3.1e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      706 AGCGAGTCCAGG 718
DB      2 AGCGAGCCCCAGG 14

RESULT 532
US-10-834-967-1047/c
; Sequence 1047, Application US/10834967
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.;
; TITLE OF INVENTION: Connection Sequences for the Archaeoglobus fulgidus DSM 4304,
; FILE REFERENCE: complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/834,967
; CURRENT FILING DATE: 2004-04-30
; NUMBER OF SEQ ID NOS: 5566
; SOFTWARE: Proprietary
; SEQ ID NO 1047
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Archaeoglobus fulgidus DSM 4304, complete genome.
; FEATURE:
; LOCATION: (391606)...(391620)
; OTHER INFORMATION: Chromosome = 1 Contig = 1 Strand = neg CtronObjNum = 1047
US-10-834-967-1047

Query Match      3.9%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 3.1e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

Qy 871 AACACTTTCCTGA 883
|||
Db 14 AACACCTTCCTGA 2

```

RESULT 533
US-10-834-967-3227/c
; Sequence 3227, Application US/10834967
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.;
; TITLE OF INVENTION: Connection Sequences for the Archaeoglobus fulgidus DSM 4304,
; TITLE OF INVENTION: complete genome.
; FILE REFERENCE: Jim Zeiger Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/834,967
; CURRENT FILING DATE: 2004-04-30
; NUMBER OF SEQ ID NOS: 5566
; SOFTWARE: Proprietary
; SEQ ID NO 3227
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Archaeoglobus fulgidus DSM 4304, complete genome.
; FEATURE:
; LOCATION: (1270826)...(1270840)
; OTHER INFORMATION: Chromosome = 1 Contig = 1 strand = pos
US-10-834-967-3227
3227

```

```

RESULT 534
US-10-364-412A-1567/c
; Sequence 1567, Application US/10364412A
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Saccharomyces cerevisiae complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/364,412A
; CURRENT FILING DATE: 2003-02-12
; NUMBER OF SEQ ID NOS: 9208
; SOFTWARE: Proprietary
; SEQ ID NO 1567
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Saccharomyces cerevisiae complete genome.
; FEATURE:
; LOCATION: (765264)...(766278)
; OTHER INFORMATION: Chromosome = 2 Strand = positive
US-10-364-412A-1567

```

```

RESULT 535
US-10-364-412A-1575/c
; Sequence 1575, Application US/10364412A
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Saccharomyces cerevisiae complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/364,412A
; CURRENT FILING DATE: 2003-02-12
;

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; NUMBER OF SEQ ID NOS: 3208
; SOFTWARE: Proprietary
; SEQ ID NO 1575
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Saccharomyces cerevisiae complete genome.
; FEATURE:
; LOCATION: (75196)...(75210)
; OTHER INFORMATION: Chromosome =13 Strand = negative
US-10-1364-412A-1575
ConnectronObjectNumber = 10992

```

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RESULT 536
US-10-364-412A-3547
; Sequence 3547, Application US/10364412A
; GENERAL INFORMATION:
; APPLICANT: FeIdmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Saccharomyces cerevisiae complete genome.
; FILE REFERENCE: Jim Zegger Law Offices 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/364,412A
; CURRENT FILING DATE: 2003-02-12
; NUMBER OF SEQ ID NOS: 9208
; SOFTWARE: Proprietary
; SEQ ID NO 3547
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Saccharomyces cerevisiae complete genome.
; FEATURE:
; LOCATION: (638912)...(638926)
; OTHER INFORMATION: Chromosome =10 Strand = negative
US-10-364-412A-3547

```

RESULT 537
US-10-601-497B-262
; Sequence 262, Application US/10601497B
; GENERAL INFORMATION:
; APPLICANT: Lin, Ching-Yu
; APPLICANT: Lin, Ruey-Wen
; APPLICANT: You, Chiou-Mien
; APPLICANT: Huang, Hsing-Hsuan
; APPLICANT: Lee, Bor-Heng
; APPLICANT: Lee, Hsien-Hsiung
; APPLICANT: Lin, Yu-Ju
; APPLICANT: Fan, Chih-Chun
; APPLICANT: Hsu, Han-Chuan
; APPLICANT: Shih, Chia-Wen
; APPLICANT: Yeh, Chih-Hsing
; APPLICANT: Kao, Yi-Feng
; APPLICANT: Pan, Chih-Long
; APPLICANT: Chan, Peter
; TITLE OF INVENTION: METHOD AND DETECTOR FOR IDENTIFYING SUBTYPES OF HUMAN PAPILLOMA VIRUS
; FILE REFERENCE:
; CURRENT APPLICATION NUMBER: US/10/601,497B
; CURRENT FILING DATE: 2003-06-23
; NUMBER OF SEQ ID NOS: 472
; SEQ ID NO 262

```
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Human Papilloma Virus
US-10-601-497B-262

Query Match      3.9%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 3.1e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 765 GCCTCCACTCTG 777
Db 3 GCCTCCACTGCTG 15

RESULT 538
US-10-661-165-59/c
; Sequence 59, Application US/10661165
; GENERAL INFORMATION:
; APPLICANT: Dhallan, Ravinder S.
; TITLE OF INVENTION: METHODS FOR DETECTION OF GENETIC
; DISORDERS
; FILE REFERENCE: 543312000420
; CURRENT APPLICATION NUMBER: US/10/661,165
; CURRENT FILING DATE: 2003-09-11
; PRIOR APPLICATION NUMBER: PCT/US03/06198
; PRIOR FILING DATE: 2003-02-28
; PRIOR APPLICATION NUMBER: US 60/378,354
; PRIOR FILING DATE: 2002-05-08
; PRIOR APPLICATION NUMBER: US 10/093,618
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/360,232
; PRIOR FILING DATE: 2002-03-01
; PRIOR APPLICATION NUMBER: PCT/US03/27308
; PRIOR FILING DATE: 2003-08-29
; PRIOR APPLICATION NUMBER: US 10/376,770
; PRIOR FILING DATE: 2003-02-28
; NUMBER OF SEQ ID NOS: 628
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 59
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Homo sapiens
; NAME/KEY: misc feature
; LOCATION: (5)...(6)
; OTHER INFORMATION: These nucleotides may be absent
US-10-661-165-59

Query Match      3.9%; Score 11.4; DB 1; Length 16;
Best Local Similarity 92.3%; Pred. No. 3.4e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 833 CTTTCTCTCTG 845
Db 15 CTTTCTCTCTG 3

RESULT 539
US-10-708-951-35696
; Sequence 35696, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; Oligonucleotides and Uses Thereof
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 35696
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Homo sapiens
```

```
US-10-708-951-35696
Query Match      3.9%; Score 11.4; DB 1; Length 16;
Best Local Similarity 92.3%; Pred. No. 3.4e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 706 AGCGAGTCCGAG 718
Db 3 AGCGAGCCCCAGG 15

RESULT 540
US-10-708-951-44956
; Sequence 44956, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; Oligonucleotides and Uses Thereof
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 44956
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-44956

Query Match      3.9%; Score 11.4; DB 1; Length 16;
Best Local Similarity 92.3%; Pred. No. 3.4e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 706 AGCGAGTCCGAG 718
Db 3 AGCGAGCCCCAGG 15

RESULT 541
US-10-364-412A-102/c
; Sequence 102, Application US/10364412A
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Saccharomyces cerevisiae complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/364,412A
; CURRENT FILING DATE: 2003-02-12
; NUMBER OF SEQ ID NOS: 9208
; SOFTWARE: Proprietary
; SEQ ID NO 102
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Saccharomyces cerevisiae complete genome.
; FEATURE:
; LOCATION: (183833)...(183847)
; OTHER INFORMATION: Chromosome = 1 Strand = positive
US-10-364-412A-102

Query Match      3.9%; Score 11.4; DB 1; Length 16;
Best Local Similarity 92.3%; Pred. No. 3.4e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 953 GAAGAGCCCAATT 965
Db 15 GAAGAGCCACATT 3

RESULT 542
US-10-364-412A-103/c
; Sequence 103, Application US/10364412A
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Saccharomyces cerevisiae complete genome.
```

FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
CURRENT APPLICATION NUMBER: US/10/364,412A

CURRENT FILING DATE: 2003-02-12

NUMBER OF SEQ ID NOS: 9208

SOFTWARE: Proprietary

SEQ ID NO 103

LENGTH: 16

TYPE: DNA

ORGANISM: Saccharomyces cerevisiae complete genome.

FEATURE:

LOCATION: (183833)...(183847)

OTHER INFORMATION: Chromosome = 1 Strand = positive ConnectionObjectNumber = 299

US-10-364-412A-103

Query Match 3.9%; Score 11.4; DB 1; Length 16;

Best Local Similarity 92.3%; Pred. No. 3.4e+02;

Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 953 GAAGAGCCAAATT 965

Db 15 GAAGAGCCACATT 3

RESULT 543

US-10-364-412A-111/c

Sequence 111, Application US/10364412A

GENERAL INFORMATION:

APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.

TITLE OF INVENTION: Saccharomyces cerevisiae complete genome.

FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333

CURRENT APPLICATION NUMBER: US/10/364,412A

CURRENT FILING DATE: 2003-02-12

NUMBER OF SEQ ID NOS: 9208

SOFTWARE: Proprietary

SEQ ID NO 111

LENGTH: 16

TYPE: DNA

ORGANISM: Saccharomyces cerevisiae complete genome.

FEATURE:

LOCATION: (187084)...(187100)

OTHER INFORMATION: Chromosome = 1 Strand = positive ConnectionObjectNumber = 314

US-10-364-412A-111

Query Match 3.9%; Score 11.4; DB 1; Length 16;

Best Local Similarity 92.3%; Pred. No. 3.4e+02;

Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 953 GAAGAGCCAAATT 965

Db 15 GAAGAGCCACATT 3

RESULT 544

US-10-138-674B-5881

Sequence 5881, Application US/10138674B

GENERAL INFORMATION:

APPLICANT: Sintra Therapeutics, Inc.

APPLICANT: Pavco, Pam

APPLICANT: McSwiggen, James

APPLICANT: Stinchcomb, Dan

APPLICANT: Escobedo, Jaime

TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re

FILE REFERENCE: VEH800-876-N (400/049)

CURRENT APPLICATION NUMBER: US/10/138,674B

CURRENT FILING DATE: 2002-05-03

NUMBER OF SEQ ID NOS: 20829

SOFTWARE: PatentIn version 3.0

SEQ ID NO 5881

LENGTH: 16

TYPE: RNA

ORGANISM: Homo sapiens

US-10-138-674B-5881

Query Match 3.9%; Score 11.4; DB 1; Length 16;

Best Local Similarity 61.5%; Pred. No. 3.4e+02;

Matches 8; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 838 CTCTCTGAAGAC 850

Db 4 CUUCUCUGAGGAC 16

RESULT 545

PCT-US03-35879-273/c

Sequence 273, Application PC/TUS0335879

GENERAL INFORMATION:

APPLICANT: Sequenom, Inc.

APPLICANT: Roth, Richard B.

APPLICANT: Nelson, Matthew Roberts

APPLICANT: Braun, Andreas

APPLICANT: Kammerer, Stefan M.

TITLE OF INVENTION: METHODS FOR IDENTIFYING RISK OF MELANOMA

FILE REFERENCE: 524592006240

CURRENT APPLICATION NUMBER: PCT/US03/35879

CURRENT FILING DATE: 2003-11-06

PRIOR APPLICATION NUMBER: US 60/424,475

PRIOR FILING DATE: 2002-11-06

PRIOR APPLICATION NUMBER: US 60/489,703

NUMBER OF SEQ ID NOS: 766

SOFTWARE: FastSeq for Windows Version 4.0

SEQ ID NO 273

LENGTH: 17

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Primer

PCT-US03-35879-273

Query Match 3.9%; Score 11.4; DB 1; Length 17;

Best Local Similarity 92.3%; Pred. No. 3.7e+02;

Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 851 AGCGTCCTGGCTC 863

Db 14 AACGTCCTGGCTC 2

RESULT 546

PCT-US03-25614-565/c

Sequence 565, Application PC/TUS0325614

GENERAL INFORMATION:

APPLICANT: Genzyme Corporation

APPLICANT: The Johns Hopkins University

TITLE OF INVENTION: BRAIN ENDOTHELIAL EXPRESSION PATTERNS

FILE REFERENCE: 003482, 00010

CURRENT APPLICATION NUMBER: PCT/US03/25614

CURRENT FILING DATE: 2003-08-15

PRIOR APPLICATION NUMBER: US 60/403,390

PRIOR FILING DATE: 2002-08-15

PRIOR APPLICATION NUMBER: US 60/458,978

PRIOR FILING DATE: 2003-04-01

NUMBER OF SEQ ID NOS: 869

SOFTWARE: FastSeq for Windows Version 4.0

SEQ ID NO 565

LENGTH: 17

TYPE: DNA

ORGANISM: Homo sapiens

PCT-US03-25614-565

Query Match 3.9%; Score 11.4; DB 1; Length 17;

Best Local Similarity 92.3%; Pred. No. 3.7e+02;

Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 776 TGAGGCGAGCCCC 788
Db 16 TGAGGCGAGCCCC 4

RESULT 547
PCT-US03-37966-1039/c
; Sequence 1039, Application PC/TUS0337966
; GENERAL INFORMATION:
; APPLICANT: Sequenom, Inc.
; APPLICANT: Roth, Richard B.
; APPLICANT: Nelson, Matthew Roberts
; APPLICANT: Braun, Andreas
; APPLICANT: Kammerer, Stefan M.
; APPLICANT: Reneland, Rikard
; TITLE OF INVENTION: METHODS FOR IDENTIFYING RISK OF BREAST
; FILE OF INVENTION: CANCER AND TREATMENTS THEREOF
; FILE REFERENCE: 524592007240
; CURRENT APPLICATION NUMBER: PCT/US03/37966
; CURRENT FILING DATE: 2003-11-25
; PRIOR APPLICATION NUMBER: US 60/429,136
; PRIOR FILING DATE: 2002-11-25
; PRIOR APPLICATION NUMBER: US 60/490,234
; PRIOR FILING DATE: 2003-07-24
; NUMBER OF SEQ ID NOS: 1178
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1039
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
PCT-US03-37966-1039

Query Match 3.9%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 950 CAAGAAGAGCCAA 962
Db 17 CAAGAAGAGCCCA 5

RESULT 548
US-10-708-951-34635
; Sequence 34635, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; FILE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 34635
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-34635

Query Match 3.9%; Score 11.4; DB 1; Length 17;
Best Local Similarity 69.2%; Pred. No. 3.7e+02;
Matches 9; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 959 CCAAAATGACTCT 971
Db 4 CCAAAACUGACUCU 16

RESULT 549
US-10-708-951-41019
; Sequence 41019, Application US/10708951

; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; FILE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 41019
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-41019

Query Match 3.9%; Score 11.4; DB 1; Length 17;
Best Local Similarity 69.2%; Pred. No. 3.7e+02;
Matches 9; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 959 CCAAAATGACTCT 971
Db 4 CCAAAACUGACUCU 16

RESULT 550
US-10-492-570-224
; Sequence 224, Application US/10492570
; GENERAL INFORMATION:
; APPLICANT: Zhang, Jian
; TITLE OF INVENTION: A HUMAN G PROTEIN COUPLED RECEPTOR
; FILE REFERENCE: PB0180
; CURRENT APPLICATION NUMBER: US/10/492,570
; CURRENT FILING DATE: 2004-04-12
; PRIOR APPLICATION NUMBER: US 60/329,000
; PRIOR FILING DATE: 2001-10-12
; NUMBER OF SEQ ID NOS: 1926
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 224
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-492-570-224

Query Match 3.9%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 727 TCTGGTCATAGCA 739
Db 5 TCTGGTCCTTAGCA 17

RESULT 551
US-10-492-570-225
; Sequence 225, Application US/10492570
; GENERAL INFORMATION:
; APPLICANT: Zhang, Jian
; TITLE OF INVENTION: A HUMAN G PROTEIN COUPLED RECEPTOR
; FILE REFERENCE: PB0180
; CURRENT APPLICATION NUMBER: US/10/492,570
; CURRENT FILING DATE: 2004-04-12
; PRIOR APPLICATION NUMBER: US 60/329,000
; PRIOR FILING DATE: 2001-10-12
; NUMBER OF SEQ ID NOS: 1926
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 225
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-492-570-225

Query Match 3.9%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 3.7e+02;

Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 727 TCTGGTCATAGGA 739
| | | | | | | | | |
Db 4 TCTGGTCCTTAGGA 16

RESULT 552

US-10-492-570-226
; Sequence 226, Application US/10492570
; GENERAL INFORMATION:
; APPLICANT: Zhang, Jian
; TITLE OF INVENTION: A HUMAN G PROTEIN COUPLED RECEPTOR
; FILE REFERENCE: PB0180
; CURRENT APPLICATION NUMBER: US/10/492,570
; CURRENT FILING DATE: 2004-04-12
; PRIOR APPLICATION NUMBER: US 60/329,000
; PRIOR FILING DATE: 2001-10-12
; NUMBER OF SEQ ID NOS: 1926
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 226
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-492-570-226

Query Match 3.9%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 727 TCTGGTCATAGGA 739
| | | | | | | | | |
Db 3 TCTGGTCCTTAGGA 15

RESULT 553

US-10-492-570-227
; Sequence 227, Application US/10492570
; GENERAL INFORMATION:
; APPLICANT: Zhang, Jian
; TITLE OF INVENTION: A HUMAN G PROTEIN COUPLED RECEPTOR
; FILE REFERENCE: PB0180
; CURRENT APPLICATION NUMBER: US/10/492,570
; CURRENT FILING DATE: 2004-04-12
; PRIOR APPLICATION NUMBER: US 60/329,000
; PRIOR FILING DATE: 2001-10-12
; NUMBER OF SEQ ID NOS: 1926
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 227
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-492-570-227

Query Match 3.9%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 727 TCTGGTCATAGGA 739
| | | | | | | | | |
Db 2 TCTGGTCCTTAGGA 14

RESULT 554

US-10-492-570-228
; Sequence 228, Application US/10492570
; GENERAL INFORMATION:
; APPLICANT: Zhang, Jian
; TITLE OF INVENTION: A HUMAN G PROTEIN COUPLED RECEPTOR
; FILE REFERENCE: PB0180
; CURRENT APPLICATION NUMBER: US/10/492,570
; CURRENT FILING DATE: 2004-04-12
; PRIOR APPLICATION NUMBER: US 60/329,000

; PRIOR FILING DATE: 2001-10-12
; NUMBER OF SEQ ID NOS: 1926
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 228
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-492-570-228

Query Match 3.9%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 727 TCTGGTCATAGGA 739
| | | | | | | | | |
Db 1 TCTGGTCCTTAGGA 13

RESULT 555

US-10-257-480A-47
; Sequence 47, Application US/10257480A
; GENERAL INFORMATION:
; APPLICANT: Norris, James S.
; APPLICANT: Westwater, Caroline
; APPLICANT: Schofield, David A.
; APPLICANT: Schmidt, Michael G.
; APPLICANT: Hoel, Brian D.
; APPLICANT: Dolan, Joseph W.
; APPLICANT: Clawson, Gary A.
; APPLICANT: Pan, Wei-Hua
; TITLE OF INVENTION: TISSUE-SPECIFIC AND PATHOGEN-SPECIFIC TOXIC AGENTS,
; TITLE OF INVENTION: RIBOZYMES, DNAZYMES, AND ANTISENSE OLIGONUCLEOTIDES, AND
; TITLE OF INVENTION: METHODS OF USE THEREOF
; FILE REFERENCE: 14017-006US1 (PSU 99-2157)
; CURRENT APPLICATION NUMBER: US/10/257,480A
; CURRENT FILING DATE: 2002-10-11
; PRIOR APPLICATION NUMBER: PCT/US01/12130
; PRIOR FILING DATE: 2001-04-13
; PRIOR APPLICATION NUMBER: US 60/251,810
; PRIOR FILING DATE: 2000-12-07
; PRIOR APPLICATION NUMBER: US 09/548,449
; PRIOR FILING DATE: 2000-04-13
; NUMBER OF SEQ ID NOS: 92
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 47
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: DNazyme
US-10-257-480A-47

Query Match 3.9%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 765 GCCTCCACTTCTG 777
| | | | | | | | | |
Db 1 GCCTCCACGCTCTG 13

RESULT 556

US-10-834-967-4741/c
; Sequence 4741, Application US/10834967
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.
; TITLE OF INVENTION: Connection Sequences for the Archaeoglobus fulgidus DSM 4304,
; TITLE OF INVENTION: complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/834,967
; CURRENT FILING DATE: 2004-04-30
; NUMBER OF SEQ ID NOS: 5566
; SOFTWARE: Proprietary

```
; SEQ ID NO 4741
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Archaeoglobus fulgidus DSM 4304, complete genome.
; FEATURE:
; LOCATION: (1872160)...(1872176)
; OTHER INFORMATION: Chromosome = 1 Contig = 1 Strand = neg CtronObjNum = 4741
US-10-834-967-4741

Query Match      3.9%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      896 TCTCAGCTTCTGC 908
Db      15 TCTCAGCTTCTCC 3

RESULT 557
US-10-364-412A-8048/c
; Sequence 8048, Application US/10364412A
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Saccharomyces cerevisiae complete genome.
; FILE REFERENCE: Jim Zeeger Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/364,412A
; CURRENT FILING DATE: 2003-02-12
; NUMBER OF SEQ ID NOS: 9208
; SOFTWARE: Proprietary
; SEQ ID NO 8048
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Saccharomyces cerevisiae complete genome.
; FEATURE:
; LOCATION: (63245)...(63261)
; OTHER INFORMATION: Chromosome =12 Strand = negative ConnectronObjectNumber = 9537
US-10-364-412A-8048

Query Match      3.9%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      834 TTTTCTCTCTGA 846
Db      17 TTTTGTCTCTGA 5

RESULT 558
US-10-364-412A-8144/c
; Sequence 8144, Application US/10364412A
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Saccharomyces cerevisiae complete genome.
; FILE REFERENCE: Jim Zeeger Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/364,412A
; CURRENT FILING DATE: 2003-02-12
; NUMBER OF SEQ ID NOS: 9208
; SOFTWARE: Proprietary
; SEQ ID NO 8144
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Saccharomyces cerevisiae complete genome.
; FEATURE:
; LOCATION: (925526)...(925542)
; OTHER INFORMATION: Chromosome =15 Strand = positive ConnectronObjectNumber = 13738
US-10-364-412A-8144

Query Match      3.9%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      834 TTTTCTCTCTGA 846
Db      17 TTTTGTCTCTGA 5
```

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Db      17 TTTTGTCTCTGA 5

RESULT 559
US-10-138-674B-613
; Sequence 613, Application US/10138674B
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; FILE REFERENCE: MEHB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674B
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20829
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 613
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674B-613

Query Match      3.9%; Score 11.4; DB 1; Length 17;
Best Local Similarity 61.5%; Pred. No. 3.7e+02;
Matches 8; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY      838 CTTCTCTCAAGAC 850
Db      4 CUUCUCUGAGGAC 16

RESULT 560
US-10-138-674B-2316
; Sequence 2316, Application US/10138674B
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; FILE REFERENCE: MEHB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674B
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20829
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2316
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus musculus
US-10-138-674B-2316

Query Match      3.9%; Score 11.4; DB 1; Length 17;
Best Local Similarity 38.5%; Pred. No. 3.7e+02;
Matches 5; Conservative 7; Mismatches 1; Indels 0; Gaps 0;

QY      826 TGTGTCTCTTTC 838
Db      4 UGUGUCUUUGC 16

RESULT 561
US-10-138-674B-2317
; Sequence 2317, Application US/10138674B
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan
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; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MHB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674B
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20829
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2317
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus musculus
US-10-138-674B-2317

Query Match      3.9%; Score 11.4; DB 1; Length 17;
Best Local Similarity 38.5%; Pred. No. 3.7e+02;
Matches 5; Conservative 7; Mismatches 1; Indels 0; Gaps 0;

QY      826 TGTGTCCTCTTTC 838
Db      2 UGUGUCUCUUGC 14

RESULT 562
US-10-138-674B-3507
; Sequence 3507, Application US/10138674B
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MHB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674B
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20829
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3507
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus musculus
US-10-138-674B-3507

Query Match      3.9%; Score 11.4; DB 1; Length 17;
Best Local Similarity 61.5%; Pred. No. 3.7e+02;
Matches 8; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY      838 CTTCTCTGAAGAC 850
Db      4 CUUCUCUGAGGAC 16

RESULT 563
US-10-138-674B-4279/c
; Sequence 4279, Application US/10138674B
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MHB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674B
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20829
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4279
; LENGTH: 17
; TYPE: RNA
```

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; ORGANISM: Homo sapiens
US-10-138-674B-4279

Query Match      3.9%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      836 TTCTTCTCTGAAG 848
Db      17 TTCTTCTTGAAG 5

RESULT 564
US-10-138-674B-4921
; Sequence 4921, Application US/10138674B
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MHB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674B
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20829
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4921
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674B-4921

Query Match      3.9%; Score 11.4; DB 1; Length 17;
Best Local Similarity 61.5%; Pred. No. 3.7e+02;
Matches 8; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY      838 CTTCTCTGAAGAC 850
Db      5 CUUCUCUGAGGAC 17

RESULT 565
US-10-138-674B-4922
; Sequence 4922, Application US/10138674B
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MHB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674B
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20829
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4922
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674B-4922

Query Match      3.9%; Score 11.4; DB 1; Length 17;
Best Local Similarity 61.5%; Pred. No. 3.7e+02;
Matches 8; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY      838 CTTCTCTGAAGAC 850
Db      3 CUUCUCUGAGGAC 15
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RESULT 566
US-10-138-674B-5241/c
; FILE REFERENCE: MBHB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10138674B
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; FILE REFERENCE: MBHB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10138,674B
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20829
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5241
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674B-5241

Query Match      3.9%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      892 TACTTCTCAGCTT 904
Db      17 TTCTTCTCAGCTT 5

RESULT 567
US-10-138-674B-5297
; FILE REFERENCE: MBHB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10138674B
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; FILE REFERENCE: MBHB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10138,674B
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20829
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5297
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674B-5297

Query Match      3.9%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      892 TACTTCTCAGCTT 904
Db      17 TTCTTCTCAGCTT 5

RESULT 568
US-10-138-674B-5478/c
; FILE REFERENCE: MBHB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10138674B
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; FILE REFERENCE: MBHB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10138,674B
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20829
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5478
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674B-5478

Query Match      3.9%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      861 CTCGAGTTGGAAC 873
Db      5 CUCCAGUUGGAC 17

RESULT 569
US-10-138-674B-8034
; FILE REFERENCE: MBHB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10138674B
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; FILE REFERENCE: MBHB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10138,674B
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20829
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 8034
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674B-8034

Query Match      3.9%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      861 CTCGAGTTGGAAC 873
Db      4 CUCCAGUUGGAC 16

RESULT 570
US-10-138-674B-8811/c
; FILE REFERENCE: MBHB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10138674B
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; FILE REFERENCE: MBHB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10138,674B
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20829
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 8811
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674B-8811
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; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBHB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10138,674B
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20829
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5478
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674B-5478

Query Match      3.9%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      861 CTCGAGTTGGAAC 873
Db      16 CTCGAGATGGAAC 4

RESULT 569
US-10-138-674B-8034
; FILE REFERENCE: MBHB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10138674B
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; FILE REFERENCE: MBHB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10138,674B
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20829
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 8034
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674B-8034

Query Match      3.9%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 3.7e+02;
Matches 12; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY      861 CTCGAGTTGGAAC 873
Db      4 CUCCAGUUGGAC 16

RESULT 570
US-10-138-674B-8811/c
; FILE REFERENCE: MBHB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10138674B
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; FILE REFERENCE: MBHB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10138,674B
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20829
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 8811
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674B-8811
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Query Match 3.9%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 765 GCCTCCCACTTCTG 777
DB 16 GCCTCCCACTTTG 4

RESULT 571
US-60-545-213-270248/c
; Sequence 270248, Application US/60545213
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Mounts, William Martin
; TITLE OF INVENTION: Nucleic Acid Arrays for Monitoring Expression Profiles of Drug
; FILE REFERENCE: AM101083 (031896-042099)
; CURRENT FILING DATE: 2004-02-18
; NUMBER OF SEQ ID NOS: 303284
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 270248
; LENGTH: 25
; TYPE: DNA
; ORGANISM: probe
US-60-545-213-270248

Query Match 3.9%; Score 11.4; DB 1; Length 25;
Best Local Similarity 71.4%; Pred. No. 5.9e+02;
Matches 15; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 880 CTGAGATGCACCTTACTTCTCA 900
DB 21 CTGAGAGTAAGTCACTCA 1

RESULT 572
US-60-545-213-294463/c
; Sequence 294463, Application US/60545213
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Mounts, William Martin
; TITLE OF INVENTION: Nucleic Acid Arrays for Monitoring Expression Profiles of Drug
; FILE REFERENCE: AM101083 (031896-042099)
; CURRENT FILING DATE: 2004-02-18
; NUMBER OF SEQ ID NOS: 303284
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 294463
; LENGTH: 25
; TYPE: DNA
; ORGANISM: probe
US-60-545-213-294463

Query Match 3.9%; Score 11.4; DB 1; Length 25;
Best Local Similarity 71.4%; Pred. No. 5.9e+02;
Matches 15; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 881 TGAGATGCACCTTACTTCTCAG 901
DB 25 TGAGAGTAAGTCACTCA 5

RESULT 573
US-60-545-213-196459
; Sequence 196459, Application US/60545213
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Mounts, William Martin
; TITLE OF INVENTION: Nucleic Acid Arrays for Monitoring Expression Profiles of Drug
```

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; TITLE OF INVENTION: Target Genes
; FILE REFERENCE: AM101083 (031896-042099)
; CURRENT APPLICATION NUMBER: US/60/545,213
; NUMBER OF SEQ ID NOS: 303284
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 196459
; LENGTH: 25
; TYPE: DNA
; ORGANISM: probe
US-60-545-213-196459

Query Match 3.9%; Score 11.4; DB 1; Length 25;
Best Local Similarity 71.4%; Pred. No. 5.9e+02;
Matches 15; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 816 CAGGCTTGGCTGTCTCTTT 836
DB 3 CAAGGAGCGCTGGGACTCTAT 23

RESULT 574
PCT-US04-02719-33
; Sequence 33, Application PC/TUS0402719
; GENERAL INFORMATION:
; APPLICANT: Keck Graduate Institute
; APPLICANT: Van Ness, Jeffrey
; APPLICANT: Galas, David J.
; APPLICANT: Van Ness, Lori K.
; TITLE OF INVENTION: NUCLEIC ACID SEQUENCING USING NICKING
; FILE REFERENCE: 480188.411PC
; CURRENT APPLICATION NUMBER: PCT/US04/02719
; CURRENT FILING DATE: 2004-01-29
; NUMBER OF SEQ ID NOS: 66
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 33
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Fragment generated from template.
PCT-US04-02719-33

Query Match 3.9%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 3.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 782 CAGCCCTCTCGTGCC 797
DB 1 CAGCTGCTCAGGTGCC 16

RESULT 575
US-10-766-307A-5
; Sequence 5, Application US/10766307A
; GENERAL INFORMATION:
; APPLICANT: Shanghai Sunway Biotech Co., LTD.
; TITLE OF INVENTION: Treatment for Metastatic Cancer
; FILE REFERENCE: 121300.00003
; CURRENT APPLICATION NUMBER: US/10/766,307A
; CURRENT FILING DATE: 2004-01-28
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: This is a PCR primer
US-10-766-307A-5

Query Match 3.9%; Score 11.2; DB 1; Length 16;
```

```
; Best Local Similarity 81.2%; Pred. No. 3.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 875 CTTTCCTGAGATGCAC 890
Db 1 CTAATCCGAGACGGAC 16

RESULT 576
US-10-708-951-36141
; Sequence 36141, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATIONALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 36141
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-36141

Query Match 3.9%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 3.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 707 GCGAGTCCCGAGAG 722
Db 1 GCGAGCCCGAGCGGG 16

RESULT 577
US-10-708-951-50954
; Sequence 50954, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATIONALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 50954
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-50954

Query Match 3.9%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 3.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 707 GCGAGTCCCGAGAG 722
Db 1 GCGAGCCCGAGCGGG 16

RESULT 578
US-10-708-951-36141
; Sequence 36141, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATIONALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 36141
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-36141

Query Match 3.9%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 3.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 875 CTTTCCTGAGATGCAC 890
Db 1 CTAATCCGAGACGGAC 16

RESULT 579
US-10-834-967-1001/c
; Sequence 1001, Application US/10834967
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.;
; TITLE OF INVENTION: Connection Sequences for the Archaeoglobus fulgidus DSM 4304,
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/834,967
; CURRENT FILING DATE: 2004-04-30
; NUMBER OF SEQ ID NOS: 5566
; SOFTWARE: Proprietary
; SEQ ID NO 1001
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Archaeoglobus fulgidus DSM 4304, complete genome.
; FEATURE:
; LOCATION: (373645)...(373660)
; OTHER INFORMATION: Chromosome = 1 Contig = 1 Strand = pos CtronObjNum = 1001
US-10-834-967-1001

Query Match 3.9%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 3.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 930 ACCCTCCAGAGATTT 945
Db 16 ACCGTGCTGAGATTT 1

RESULT 580
US-10-834-967-3203
; Sequence 3203, Application US/10834967
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.;
; TITLE OF INVENTION: Connection Sequences for the Archaeoglobus fulgidus DSM 4304,
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/834,967
; CURRENT FILING DATE: 2004-04-30
; NUMBER OF SEQ ID NOS: 5566
; SOFTWARE: Proprietary
; SEQ ID NO 3203
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Archaeoglobus fulgidus DSM 4304, complete genome.
; FEATURE:
; LOCATION: (1256087)...(1256102)
; OTHER INFORMATION: Chromosome = 1 Contig = 1 Strand = pos CtronObjNum = 3203
US-10-834-967-3203

Query Match 3.9%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 3.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

QY 931 CCCTCCAGAGAAATTTT 946
| | | | | | | | | |
Db 1 CCCTCCAGAAATTTT 16

RESULT 581

US-10-364-412A-3377/c
; Sequence 3377, Application US/10364412A
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Saccharomyces cerevisiae complete genome.
; FILE REFERENCE: Jim Zeiger Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/364,412A
; CURRENT FILING DATE: 2003-02-12
; NUMBER OF SEQ ID NOS: 9208
; SOFTWARE: Proprietary
; SEQ ID NO 3377
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Saccharomyces cerevisiae complete genome.
; FEATURE:
; LOCATION: (968621)...(968636)
; OTHER INFORMATION: Chromosome = 7 Strand = positive ConnectronObjectNumber = 6710
US-10-364-412A-3377

Query Match 3.9%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 3.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 838 CTCTCTGAAGACAGC 853
| | | | | | | | | |
Db 16 CTCTCTGATTCAGC 1

RESULT 582

US-10-364-412A-4257
; Sequence 4257, Application US/10364412A
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Saccharomyces cerevisiae complete genome.
; FILE REFERENCE: Jim Zeiger Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/364,412A
; CURRENT FILING DATE: 2003-02-12
; NUMBER OF SEQ ID NOS: 9208
; SOFTWARE: Proprietary
; SEQ ID NO 4257
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Saccharomyces cerevisiae complete genome.
; FEATURE:
; LOCATION: (62539)...(62554)
; OTHER INFORMATION: Chromosome = 5 Strand = negative ConnectronObjectNumber = 4256
US-10-364-412A-4257

Query Match 3.9%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 3.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 890 CTTACTTCTCAGCTTC 905
| | | | | | | | | |
Db 1 CTTGCATTTCAGCTTC 16

RESULT 583

PCT-US03-27118-70/c
; Sequence 70, Application PC/TUS0327118
; GENERAL INFORMATION:
; APPLICANT: NAXCOR
; APPLICANT: Peoples, Risa
; APPLICANT: Van Atta, Reuel B.
; TITLE OF INVENTION: POLYMORPHISM DETECTION AMONG HOMOLOGOUS SEQUENCES
; FILE REFERENCE: NX23-PCT

; CURRENT APPLICATION NUMBER: PCT/US03/27118
; CURRENT FILING DATE: 2003-08-29
; PRIOR APPLICATION NUMBER: US 60/407,598
; PRIOR FILING DATE: 2002-08-29
; NUMBER OF SEQ ID NOS: 77
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 70
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
; NAME/KEY: misc_feature
; LOCATION: (2)..(2)
; OTHER INFORMATION: "n" represents a non-nucleosidic cross-linking agent
PCT-US03-27118-70

Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 4.1e+02;
Matches 13; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 841 CTCTGAAGACAGCGTCC 857
| | | | | | | | | |
Db 17 CACTGAAGCGCAGCTNC 1

RESULT 584

PCT-US03-35879-673
; Sequence 673, Application PC/TUS0335879
; GENERAL INFORMATION:
; APPLICANT: Sequenom, Inc.
; APPLICANT: Roth, Richard B.
; APPLICANT: Nelson, Matthew Roberts
; APPLICANT: Braun, Andreas
; APPLICANT: Kammerer, Stefan M.
; TITLE OF INVENTION: METHODS FOR IDENTIFYING RISK OF MELANOVA
; FILE REFERENCE: 524592006240
; CURRENT APPLICATION NUMBER: PCT/US03/35879
; CURRENT FILING DATE: 2003-11-06
; PRIOR APPLICATION NUMBER: US 60/424,475
; PRIOR FILING DATE: 2002-11-06
; PRIOR APPLICATION NUMBER: US 60/489,703
; PRIOR FILING DATE: 2003-07-23
; NUMBER OF SEQ ID NOS: 766
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 673
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
PCT-US03-35879-673

Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 4.1e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 858 TGGCTCCAGTTTGAAC 873
| | | | | | | | | |
Db 2 TGGCTCCAGCAGGATC 17

RESULT 585

PCT-US03-35879-744
; Sequence 744, Application PC/TUS0335879
; GENERAL INFORMATION:
; APPLICANT: Sequenom, Inc.
; APPLICANT: Roth, Richard B.
; APPLICANT: Nelson, Matthew Roberts
; APPLICANT: Braun, Andreas
; APPLICANT: Kammerer, Stefan M.


```
Db      16  CTCTGCTTAACAG 1
|||||  |||||  |||||  |||||
RESULT 594
US-10-708-951-22260
; Sequence 22260, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; TITLE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 22260
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-22260
Query Match      3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 68.8%; Pred. No. 4.1e+02;
Matches 11; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY      736  AGGACTTGGTAGGGTC 751
|||||  |||||  |||||  |||||
Db      2  AGGACUUGGCGGGAC 17

RESULT 595
US-10-708-951-36561/c
; Sequence 36561, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; TITLE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 36561
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-36561
Query Match      3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 4.1e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      925  CCACCACCTCCAGAG 940
|||||  |||||  |||||  |||||
Db      17  CCACCAGCAGCCAGAG 2

RESULT 596
US-10-708-951-36607
; Sequence 36607, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; TITLE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 36607
; LENGTH: 17
; TYPE: RNA
US-10-708-951-36607
Query Match      3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 4.1e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      925  CCACCACCTCCAGAG 940
|||||  |||||  |||||  |||||
Db      17  CCACCAGCAGCCAGAG 2

RESULT 597
US-10-708-951-42972/c
; Sequence 42972, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; TITLE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 42972
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-42972
Query Match      3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 4.1e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      925  CCACCACCTCCAGAG 940
|||||  |||||  |||||  |||||
Db      17  CCACCAGCAGCCAGAG 2

RESULT 598
US-10-708-951-43064
; Sequence 43064, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; TITLE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 43064
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-43064
Query Match      3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 4.1e+02;
Matches 12; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY      708  CGAGTCCCGAGAGT 723
|||||  |||||  |||||  |||||
Db      1  CGAGCCCGAGCGGGU 16

RESULT 599
US-10-708-951-43770/c
; Sequence 43770, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; TITLE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF
```

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; ORGANISM: Homo sapiens
US-10-708-951-36607
Query Match      3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 4.1e+02;
Matches 12; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY      708  CGAGTCCCGAGAGT 723
|||||  |||||  |||||  |||||
Db      1  CGAGCCCGAGCGGGU 16

RESULT 597
US-10-708-951-42972/c
; Sequence 42972, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; TITLE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 42972
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-42972
Query Match      3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 4.1e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      925  CCACCACCTCCAGAG 940
|||||  |||||  |||||  |||||
Db      17  CCACCAGCAGCCAGAG 2

RESULT 598
US-10-708-951-43064
; Sequence 43064, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; TITLE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 43064
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-43064
Query Match      3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 4.1e+02;
Matches 12; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY      708  CGAGTCCCGAGAGT 723
|||||  |||||  |||||  |||||
Db      1  CGAGCCCGAGCGGGU 16

RESULT 599
US-10-708-951-43770/c
; Sequence 43770, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; TITLE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF
```

; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 43770
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-43770

Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 4.1e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 803 CTCCTCTCCCACTCAG 818
Db 16 CTCCTCTCTAACACAG 1

RESULT 600
US-10-708-951-44185
; Sequence 44185, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; TITLE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 44185
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-44185

Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 68.8%; Pred. No. 4.1e+02;
Matches 11; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 736 AGGACTTGGTAGGTC 751
Db 2 AGGACUUGGGCGGAC 17

RESULT 601
US-10-492-570-955
; Sequence 955, Application US/10492570
; GENERAL INFORMATION:
; APPLICANT: Zhang, Jian
; TITLE OF INVENTION: A HUMAN G PROTEIN COUPLED RECEPTOR
; FILE REFERENCE: PB0180
; CURRENT APPLICATION NUMBER: US/10/492,570
; CURRENT FILING DATE: 2004-04-12
; PRIOR APPLICATION NUMBER: US 60/329,000
; PRIOR FILING DATE: 2001-10-12
; NUMBER OF SEQ ID NOS: 1926
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 955
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-492-570-955

Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 4.1e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 738 GACTTGGTAGGTC 753
Db 2 GACTTGAAGGATGCC 17

RESULT 602
US-10-492-570-956
; Sequence 956, Application US/10492570
; GENERAL INFORMATION:
; APPLICANT: Zhang, Jian
; TITLE OF INVENTION: A HUMAN G PROTEIN COUPLED RECEPTOR
; FILE REFERENCE: PB0180
; CURRENT APPLICATION NUMBER: US/10/492,570
; CURRENT FILING DATE: 2004-04-12
; PRIOR APPLICATION NUMBER: US 60/329,000
; PRIOR FILING DATE: 2001-10-12
; NUMBER OF SEQ ID NOS: 1926
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 956
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-492-570-956

Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 4.1e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 738 GACTTGGTAGGTC 753
Db 1 GACTTGAAGGATGCC 16

RESULT 603
US-10-651-833-70/c
; Sequence 70, Application US/10651833
; GENERAL INFORMATION:
; APPLICANT: Peoples, Risa
; APPLICANT: Van Atta, Renee B.
; TITLE OF INVENTION: POLYMORPHISM DETECTION AMONG HOMOLOGOUS SEQUENCES
; FILE REFERENCE: NX23
; CURRENT APPLICATION NUMBER: US/10/651,833
; CURRENT FILING DATE: 2003-08-29
; PRIOR APPLICATION NUMBER: US 60/407,598
; PRIOR FILING DATE: 2002-08-29
; NUMBER OF SEQ ID NOS: 77
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 70
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (2)..(2)
; OTHER INFORMATION: "n" represents a non-nucleosidic cross-linking agent
US-10-651-833-70

Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 4.1e+02;
Matches 13; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 841 CTCCTGAACACAGCGTCC 857
Db 17 CACTGAAGGAGGCTCNC 1

RESULT 604
US-10-494-343-243
; Sequence 243, Application US/10494343
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; APPLICANT: Phan, Thuymy
; TITLE OF INVENTION: HUMAN AGIOMOTIN-LIKE PROTEIN 1
; FILE REFERENCE: PB0184

; CURRENT APPLICATION NUMBER: US/10/494,343
; CURRENT FILING DATE: 2004-04-30
; PRIOR APPLICATION NUMBER: US to be assigned
; PRIOR FILING DATE: to be assigned
; PRIOR APPLICATION NUMBER: PCT/US2002/035129
; PRIOR FILING DATE: 2002-11-01
; PRIOR APPLICATION NUMBER: US 60/334,773
; PRIOR FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 870
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 243
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-494-343-243

Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 4.1e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 775 CTGAGGCGAGCCCTC 790
Db 2 CTGAGGCGAGGCCAC 17

RESULT 605
US-10-494-343-246
; Sequence 246, Application US/10494343
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; APPLICANT: Phan, Thuymy
; TITLE OF INVENTION: HUMAN AGIOMOTIN-LIKE PROTEIN 1
; FILE REFERENCE: PB0184
; CURRENT APPLICATION NUMBER: US/10/494,343
; CURRENT FILING DATE: 2004-04-30
; PRIOR APPLICATION NUMBER: US to be assigned
; PRIOR FILING DATE: to be assigned
; PRIOR APPLICATION NUMBER: PCT/US2002/035129
; PRIOR FILING DATE: 2002-11-01
; PRIOR APPLICATION NUMBER: US 60/334,773
; PRIOR FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 870
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 246
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-494-343-246

Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 4.1e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 777 GAGGCGAGCCCTCTG 792
Db 1 GAGGCGAGGCCACTG 16

RESULT 606
US-10-758-622-18
; Sequence 18, Application US/10758622
; GENERAL INFORMATION:
; APPLICANT: LIN, LEU-PEN
; APPLICANT: COLLINS, FRANKLIN D.
; APPLICANT: DOHERTY, DANIEL H.
; APPLICANT: LILE, JACK
; APPLICANT: BEKTESH, SUSAN
; TITLE OF INVENTION: Glial Cell Line-Derived Neurotrophic Factor
; NUMBER OF SEQUENCES: 25
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: AMGEN INC.
; STREET: 1840 DeHavilland Drive
; CITY: Thousand Oaks

; STATE: California
; COUNTRY: USA
; ZIP: 91320-1789
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy Disk
; COMPUTER: Macintosh
; OPERATING SYSTEM: 7.1
; SOFTWARE: Microsoft Word 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/758,622
; FILING DATE: 14-Jan-2004
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/182,183
; FILING DATE: 23-MAY-1994
; INFORMATION FOR SEQ ID NO: 18:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; FEATURE:
; NAME/KEY: oligonucleotide primer PD2
; SEQUENCE DESCRIPTION: SEQ ID NO: 18:
US-10-758-622-18

Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 4.1e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 841 CTCCTGAAGACAGCGTC 856
Db 1 CTCCTGAGCCAGGTC 16

RESULT 607
US-10-138-674B-1136/C
; Sequence 1136, Application US/10138674B
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBHE00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674B
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20829
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1136
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674B-1136

Query Match 3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 4.1e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 862 TCCAGTTGGAACACTT 877
Db 17 TCCAGATGGAACTT 2

RESULT 608
US-10-138-674B-3161
; Sequence 3161, Application US/10138674B
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan

```

; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674B
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20829
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3161
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus musculus
US-10-138-674B-3161

Query Match      3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 56.2%; Pred. No. 4.1e+02;
Matches 9; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

QY      852 GCGTCGCTGCTCTTCAGT 867
Db      2 GGGUCCUGUCCAGU 17

RESULT 609
US-10-138-674B-3636
; Sequence 3636, Application US/10138674B
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674B
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20829
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3636
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus musculus
US-10-138-674B-3636

Query Match      3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 31.2%; Pred. No. 4.1e+02;
Matches 5; Conservative 8; Mismatches 3; Indels 0; Gaps 0;

QY      824 GCTGTGCTCTTTCT 839
Db      2 GCUCUGUCUCUUAU 17

RESULT 610
US-10-138-674B-4678
; Sequence 4678, Application US/10138674B
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674B
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20829
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4678
; LENGTH: 17
; TYPE: RNA

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; ORGANISM: Homo sapiens
US-10-138-674B-4678

Query Match      3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 43.8%; Pred. No. 4.1e+02;
Matches 7; Conservative 6; Mismatches 3; Indels 0; Gaps 0;

QY      824 GCTGTGCTCTTTCT 839
Db      1 GCUGGACUCUCUCU 16

RESULT 611
US-10-138-674B-4919
; Sequence 4919, Application US/10138674B
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674B
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20829
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4919
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674B-4919

Query Match      3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 43.8%; Pred. No. 4.1e+02;
Matches 7; Conservative 6; Mismatches 3; Indels 0; Gaps 0;

QY      831 CTCCTTTCTCTCTGA 846
Db      2 CUCCUGCCUCUCUGA 17

RESULT 612
US-10-138-674B-4920
; Sequence 4920, Application US/10138674B
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674B
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20829
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4920
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674B-4920

Query Match      3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 43.8%; Pred. No. 4.1e+02;
Matches 7; Conservative 6; Mismatches 3; Indels 0; Gaps 0;

QY      831 CTCCTTTCTCTCTGA 846
Db      1 CUCCUGCCUCUCUGA 16

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RESULT 613
US-10-138-674B-5092
; Sequence 5092, Application US/10138674B
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; FILE REFERENCE: MBH00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674B
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20829
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5092
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674B-5092

Query Match      3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 4.1e+02;
Matches 12; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY      805 CTCCTCCAACTCAGG 820
Db      2 CCGCCGCCACCCAGG 17

RESULT 614
US-10-138-674B-5382
; Sequence 5382, Application US/10138674B
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; FILE REFERENCE: MBH00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674B
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20829
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5382
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674B-5382

Query Match      3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 4.1e+02;
Matches 12; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY      805 CTCCTCCAACTCAGG 820
Db      2 CCGCCGCCACCCAGG 17

RESULT 615
US-10-138-674B-5584
; Sequence 5584, Application US/10138674B
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
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; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674B
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20829
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6584
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674B-6584

Query Match      3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 62.5%; Pred. No. 4.1e+02;
Matches 10; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY      843 CTGAAGACAGCGTCTCT 858
Db      1 CUGAAGACAGGCUACU 16

RESULT 616
US-10-138-674B-6589
; Sequence 6589, Application US/10138674B
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; FILE REFERENCE: MBH00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674B
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20829
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6589
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674B-6589

Query Match      3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 62.5%; Pred. No. 4.1e+02;
Matches 10; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY      850 CAGCGTCTCTGCTCCA 865
Db      2 CAUCGCAUGGAUCCA 17

RESULT 617
US-10-138-674B-6671
; Sequence 6671, Application US/10138674B
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; FILE REFERENCE: MBH00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674B
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20829
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6671
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674B-6671
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Query Match      3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 62.5%; Pred. No. 4.1e+02;
Matches 10; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

Qy 873 CACTTCTCTGAGATGC 888
Db 2 CACUACUGAGGAGC 17

RESULT 618
US-10-138-674B-7545/C
; Sequence 7545, Application US/10138674B
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MHB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674B
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20829
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 7545
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674B-7545

Query Match      3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 4.1e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 849 ACAGCGTCCTGGCTCC 864
Db 17 ACAGCGTCCTGGCTCC 2

RESULT 619
US-10-138-674B-7569/C
; Sequence 7569, Application US/10138674B
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MHB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674B
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20829
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 7569
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674B-7569

Query Match      3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 4.1e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 781 GCAGCCCTCTGGTGC 796
Db 16 GCAGCCACACAGGTGC 1

RESULT 620
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```
US-10-138-674B-7646
; Sequence 7646, Application US/10138674B
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; FILE REFERENCE: MHB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674B
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20829
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 7646
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674B-7646

Query Match      3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 68.8%; Pred. No. 4.1e+02;
Matches 11; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

Qy 954 AAGAGCCAAATTGACT 969
Db 1 AAGAGCAACGUGACU 16

RESULT 621
US-10-138-674B-8538/C
; Sequence 8538, Application US/10138674B
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; FILE REFERENCE: MHB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674B
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20829
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 8538
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674B-8538

Query Match      3.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 4.1e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 835 TTCTCTCTCTGAGAC 850
Db 17 TTGCTTCACAGAAGAC 2

RESULT 622
US-10-138-674B-9074
; Sequence 9074, Application US/10138674B
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; FILE REFERENCE: MHB00-876-N (400/049)
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; CURRENT APPLICATION NUMBER: US/10/138,674B
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20829
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 9074
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674B-9074

Query Match 3.8%; Score 11.2; DB 1; Length 17;
Best Local Similarity 62.5%; Pred. No. 4.1e+02;
Matches 10; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 955 AGAGCCAAATGTGACTC 970
||| |||||::|
Db 1 AGAACCAAAUUAUCUC 16

RESULT 623
US-60-545-213-106829/c
; Sequence 106829, Application US/60545213
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; TITLE OF INVENTION: Mounts, William Martin
; FILE REFERENCE: AM101083 (031896-042099)
; CURRENT APPLICATION NUMBER: US/60/545,213
; CURRENT FILING DATE: 2004-02-18
; NUMBER OF SEQ ID NOS: 303284
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 106829
; LENGTH: 25
; TYPE: DNA
; ORGANISM: probe
US-60-545-213-106829

Query Match 3.9%; Score 11.2; DB 1; Length 25;
Best Local Similarity 81.2%; Pred. No. 6.3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 955 AGAGCCAAATGTGACTC 970
||| |||||::|
Db 16 AGAGTCAATTTGGCTC 1

RESULT 624
US-10-708-951-22340
; Sequence 22340, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 22340
; LENGTH: 11
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-22340

Query Match 3.8%; Score 11; DB 1; Length 11;
Best Local Similarity 100.0%; Pred. No. 2.3e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 923 CACCACCACCC 933
||| |||||::|
Db 1 CACCACCACCC 11

RESULT 625
US-10-708-951-42199
; Sequence 42199, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 42199
; LENGTH: 11
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-42199

Query Match 3.8%; Score 11; DB 1; Length 11;
Best Local Similarity 100.0%; Pred. No. 2.3e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 923 CACCACCACCC 933
||| |||||::|
Db 1 CACCACCACCC 11

RESULT 626
US-10-257-017B-267185/c
; Sequence 267185, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 267185
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0000042
US-10-257-017B-267185

Query Match 3.8%; Score 11; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 2.7e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 871 AACACTTTCCT 881
||| |||||::|
Db 11 AACACTTTCCT 1

RESULT 627
US-10-257-017B-271831/c
; Sequence 271831, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
US-10-257-017B-271831

Query Match 3.8%; Score 11; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 2.7e+02;
Seq ID NO 271831
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
LENGTH: 12
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0002629
US-10-257-017B-271831

Query Match 3.8%; Score 11; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 2.7e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 967 ACTCTCTAAAT 977
| | | | | | | | | | | | | |
Db 11 ACTCTCTAAAT 1

RESULT 628
US-10-257-017B-274601/c
Sequence 274601, Application US/10257017B
GENERAL INFORMATION:
APPLICANT: Alexander Olek
APPLICANT: Christian Piepenbrock
APPLICANT: Kurt Berlin
TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
FILE REFERENCE: E01/1193/WO
CURRENT APPLICATION NUMBER: US/10/257,017B
CURRENT FILING DATE: 2002-10-07
PRIOR APPLICATION NUMBER: DE 10019173.8
PRIOR FILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 382046
SEQ ID NO 274601
LENGTH: 12
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0003610
US-10-257-017B-274601

Query Match 3.8%; Score 11; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 2.7e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 833 CTTTCTCTCTC 843
| | | | | | | | | | | | | |
Db 12 CTTTCTCTCTC 2

RESULT 629
US-10-257-017B-286159/c
Sequence 286159, Application US/10257017B
GENERAL INFORMATION:
APPLICANT: Alexander Olek
APPLICANT: Christian Piepenbrock
APPLICANT: Kurt Berlin
TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
FILE REFERENCE: E01/1193/WO
CURRENT APPLICATION NUMBER: US/10/257,017B
CURRENT FILING DATE: 2002-10-07
PRIOR APPLICATION NUMBER: DE 10019173.8
PRIOR FILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 382046
SEQ ID NO 286159
LENGTH: 12
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0012604
US-10-257-017B-286159

Query Match 3.8%; Score 11; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 2.7e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 969 TCTCTAAATCT 979
| | | | | | | | | | | | | |
Db 12 TCTCTAAATCT 2

RESULT 630
US-10-257-017B-291593
Sequence 291593, Application US/10257017B
GENERAL INFORMATION:
APPLICANT: Alexander Olek
APPLICANT: Christian Piepenbrock
APPLICANT: Kurt Berlin
TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
FILE REFERENCE: E01/1193/WO
CURRENT APPLICATION NUMBER: US/10/257,017B
CURRENT FILING DATE: 2002-10-07
PRIOR APPLICATION NUMBER: DE 10019173.8
PRIOR FILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 382046
SEQ ID NO 291593
LENGTH: 12
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0014848
US-10-257-017B-291593

Query Match 3.8%; Score 11; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 2.7e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 937 AGAGAATTTTA 947
| | | | | | | | | | | | | |
Db 2 AGAGAATTTTA 12

RESULT 631
US-10-257-017B-294134
Sequence 294134, Application US/10257017B
GENERAL INFORMATION:
APPLICANT: Alexander Olek
APPLICANT: Christian Piepenbrock
APPLICANT: Kurt Berlin
TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
FILE REFERENCE: E01/1193/WO
CURRENT APPLICATION NUMBER: US/10/257,017B
CURRENT FILING DATE: 2002-10-07
PRIOR APPLICATION NUMBER: DE 10019173.8
PRIOR FILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 382046
SEQ ID NO 294134
LENGTH: 12
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0015968
US-10-257-017B-294134

Query Match 3.8%; Score 11; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 2.7e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 939 AGAATTTTACG 949
| | | | | | | | | | | | | |
Db 2 AGAATTTTACG 12

RESULT 632
US-10-257-017B-298120
; Sequence 298120, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylation
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 298120
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0017922
US-10-257-017B-298120

Query Match 3.8%; Score 11; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 2.7e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 834 TTTTCTCTCT 844
Db 2 TTTTCTCTCT 12

RESULT 633
US-10-257-017B-301430
; Sequence 301430, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylation
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 301430
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0019497
US-10-257-017B-301430

Query Match 3.8%; Score 11; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 2.7e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 917 TATCATCACC 927
Db 1 TATCATCACC 11

RESULT 634
US-10-257-017B-306690
; Sequence 306690, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine

; TITLE OF INVENTION: methylation
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 306690
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0022131
US-10-257-017B-306690

Query Match 3.8%; Score 11; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 2.7e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 766 CTTCCACTTCT 776
Db 2 CTTCCACTTCT 12

RESULT 635
US-10-257-017B-313281
; Sequence 313281, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylation
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 313281
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0025640
US-10-257-017B-313281

Query Match 3.8%; Score 11; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 2.7e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 803 CTCTCCTCCAA 813
Db 2 CTCTCCTCCAA 12

RESULT 636
US-10-257-017B-314168/c
; Sequence 314168, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylation
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 314168
; LENGTH: 12

```
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0026157
US-10-257-017B-314168

Query Match      3.8%; Score 11; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 2.7e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 927 ACCACCTCCCA 937
DB 11 ACCACCTCCCA 1

RESULT 637
US-10-257-017B-328229/c
; Sequence 328229, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 328229
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0034189
US-10-257-017B-328229

Query Match      3.8%; Score 11; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 2.7e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 937 AGAGAAATTTTA 947
DB 11 AGAGAAATTTTA 1

RESULT 638
US-10-257-017B-332551
; Sequence 332551, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 332551
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0036987
US-10-257-017B-332551

Query Match      3.8%; Score 11; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 2.7e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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QY 871 AACACTTTCCT 881
DB 1 AACACTTTCCT 11

RESULT 639
US-10-257-017B-338312/c
; Sequence 338312, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 338312
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0008393
US-10-257-017B-338312

Query Match      3.8%; Score 11; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 2.7e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

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QY 939 AGAATTTTACG 949
DB 11 AGAATTTTACG 1

RESULT 640
US-10-257-017B-340641
; Sequence 340641, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 340641
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0041634
US-10-257-017B-340641

Query Match      3.8%; Score 11; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 2.7e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 915 ATTATCATCAC 925
DB 1 ATTATCATCAC 11

RESULT 641
US-10-257-017B-345837
; Sequence 345837, Application US/10257017B
```


; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 345837
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0044235
US-10-257-017B-345837

Query Match 3.8%; Score 11; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 2.7e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 968 CTCCTCAATC 978
| | | | |
Db 2 CTCCTCAATC 12

RESULT 642
US-10-257-017B-359064/c
; Sequence 359064, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 359064
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0051446
US-10-257-017B-359064

Query Match 3.8%; Score 11; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 2.7e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 967 ACTCTCAAT 977
| | | | |
Db 12 ACTCTCAAT 2

RESULT 643
US-10-257-017B-359246/c
; Sequence 359246, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07

; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 359246
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0051527
US-10-257-017B-359246

Query Match 3.8%; Score 11; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 2.7e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 937 AGAGAATTTTA 947
| | | | |
Db 12 AGAGAATTTTA 2

RESULT 644
US-10-257-017B-360560/c
; Sequence 360560, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 360560
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0052133
US-10-257-017B-360560

Query Match 3.8%; Score 11; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 2.7e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 830 TCTCTTTTCTT 840
| | | | |
Db 11 TCTCTTTTCTT 1

RESULT 645
US-10-257-017B-371103/c
; Sequence 371103, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 371103
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0058577
US-10-257-017B-371103

US-10-257-017B-371103

Query Match 3.8%; Score 11; DB 1; Length 12;
Best Local Similarity 100.0%; Pred.No. 2.7e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 807 CCTCCAACTCA 817
| | | | | | | | | | | | | |
Db 11 CCTCCAACTCA 1

RESULT 646

US-10-257-017B-381235/c
; Sequence 381235, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms (SNPs) and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 381235
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0064233
US-10-257-017B-381235

Query Match 3.8%; Score 11; DB 1; Length 12;
Best Local Similarity 100.0%; Pred.No. 2.7e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 834 TTTTCTTCTCT 844
| | | | | | | | | | | | | |
Db 12 TTTTCTTCTCT 2

RESULT 647

US-10-708-951-23136
; Sequence 23136, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 23136
; LENGTH: 12
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-23136

Query Match 3.8%; Score 11; DB 1; Length 12;
Best Local Similarity 100.0%; Pred.No. 2.7e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 923 CACCACCACCC 933
| | | | | | | | | | | | | |
Db 2 CACCACCACCC 12

RESULT 648

US-10-708-951-25214/c
; Sequence 25214, Application US/10708951

; GENERAL INFORMATION:

; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 25214
; LENGTH: 12
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-25214

Query Match 3.8%; Score 11; DB 1; Length 12;
Best Local Similarity 100.0%; Pred.No. 2.7e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 878 TCCTGAGATGC 888
| | | | | | | | | | | | | |
Db 12 TCCTGAGATGC 2

RESULT 649

US-10-708-951-26007
; Sequence 26007, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 26007
; LENGTH: 12
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-26007

Query Match 3.8%; Score 11; DB 1; Length 12;
Best Local Similarity 100.0%; Pred.No. 2.7e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 923 CACCACCACCC 933
| | | | | | | | | | | | | |
Db 2 CACCACCACCC 12

RESULT 650

US-10-708-951-26959/c
; Sequence 26959, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 26959
; LENGTH: 12
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-26959

Query Match 3.8%; Score 11; DB 1; Length 12;
Best Local Similarity 100.0%; Pred.No. 2.7e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 878 TCCTGAGATGC 888
| | | | |
Db 12 TCCTGAGATGC 2

RESULT 651
US-10-708-951-32476/c
; Sequence 32476, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; TITLE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 32476
; LENGTH: 12
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-32476

Query Match 3.8%; Score 11; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 2.7e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 878 TCCTGAGATGC 888
| | | | |
Db 12 TCCTGAGATGC 2

RESULT 652
US-10-708-951-40793
; Sequence 40793, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; TITLE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 40793
; LENGTH: 12
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-40793

Query Match 3.8%; Score 11; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 2.7e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 923 CACCACCACCC 933
| | | | |
Db 2 CACCACCACCC 12

RESULT 653
US-10-708-951-41239/c
; Sequence 41239, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; TITLE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 41239
; LENGTH: 12

; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-41239

Query Match 3.8%; Score 11; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 2.7e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 878 TCCTGAGATGC 888
| | | | |
Db 12 TCCTGAGATGC 2

RESULT 654
US-10-257-017B-3225/c
; Sequence 3225, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms (SNPs) and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 3225
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0001232
US-10-257-017B-3225

Query Match 3.8%; Score 11; DB 1; Length 13;
Best Local Similarity 84.6%; Pred. No. 3e+02;
Matches 11; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 914 GATTATCATCACC 926
| | | | |
Db 13 RATTATCATCAAC 1

RESULT 655
US-10-257-017B-3226
; Sequence 3226, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms (SNPs) and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 3226
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0001232
US-10-257-017B-3226

Query Match 3.8%; Score 11; DB 1; Length 13;
Best Local Similarity 84.6%; Pred. No. 3e+02;
Matches 11; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 914 GATTATCATCACC 926

; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 42185
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0012602
US-10-257-017B-42185

Query Match 3.8%; Score 11; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 3e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 969 TCTCTAAATCT 979
Db 11 TCTCTAAATCT 1

RESULT 661

US-10-257-017B-42186
; Sequence 42186, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 42186
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0012602
US-10-257-017B-42186

Query Match 3.8%; Score 11; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 3e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 969 TCTCTAAATCT 979
Db 3 TCTCTAAATCT 13

RESULT 662

US-10-257-017B-45459/c
; Sequence 45459, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 45459
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0013245
US-10-257-017B-45459

Query Match 3.8%; Score 11; DB 1; Length 13;
Best Local Similarity 84.6%; Pred. No. 3e+02;
Matches 11; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 827 GTGTCCTCTTTCT 839
Db 13 RCTCTCTTTTCT 1

RESULT 663

US-10-257-017B-45460
; Sequence 45460, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 45460
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0013245
US-10-257-017B-45460

Query Match 3.8%; Score 11; DB 1; Length 13;
Best Local Similarity 84.6%; Pred. No. 3e+02;
Matches 11; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 827 GTGTCCTCTTTCT 839
Db 1 RCTCTCTTTTCT 13

RESULT 664

US-10-257-017B-65739/c
; Sequence 65739, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 65739
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0017295
US-10-257-017B-65739

Query Match 3.8%; Score 11; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 3e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 917 TATCATCACCA 927
Db 12 TATCATCACCA 2

```

RESULT 665
US-10-257-017B-65740
; Sequence 65740, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 65740
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0017295
US-10-257-017B-65740

Query Match      3.8%; Score 11; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 3e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 917 TATCATCACCA 927
Db 2 TATCATCACCA 12

RESULT 666
US-10-257-017B-67677/c
; Sequence 67677, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 67677
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0017677
US-10-257-017B-67677

Query Match      3.8%; Score 11; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 3e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 871 AACACTTTCCT 881
Db 11 AACACTTTCCT 1

RESULT 667
US-10-257-017B-67678
; Sequence 67678, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations

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; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 67678
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0017677
US-10-257-017B-67678

Query Match      3.8%; Score 11; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 3e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 871 AACACTTTCCT 881
Db 3 AACACTTTCCT 13

RESULT 668
US-10-257-017B-70627
; Sequence 70627, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 70627
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0018346
US-10-257-017B-70627

Query Match      3.8%; Score 11; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 3e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 982 TGTATGGGTAT 992
Db 2 TGTATGGGTAT 12

RESULT 669
US-10-257-017B-70628/c
; Sequence 70628, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 70628
; LENGTH: 13
; TYPE: DNA

```

; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0018346
US-10-257-017B-70628

Query Match 3.8%; Score 11; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 3e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 982 TGTATGGGTAT 992
Db 12 TGTATGGGTAT 2

RESULT 670
US-10-257-017B-71625
; Sequence 71625, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT FILING DATE: 2002-10-07
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 71625
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0018533
US-10-257-017B-71625

Query Match 3.8%; Score 11; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 3e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 982 TGTATGGGTAT 992
Db 1 TGTATGGGTAT 11

RESULT 671
US-10-257-017B-71626/c
; Sequence 71626, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT FILING DATE: 2002-10-07
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 71626
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0018533
US-10-257-017B-71626

QY 982 TGTATGGGTAT 992
Db 13 TGTATGGGTAT 3

RESULT 672
US-10-257-017B-76731/c
; Sequence 76731, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT FILING DATE: 2002-10-07
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 76731
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0019608
US-10-257-017B-76731

Query Match 3.8%; Score 11; DB 1; Length 13;
Best Local Similarity 84.6%; Pred. No. 3e+02;
Matches 11; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 921 ATCACCACACCC 933
Db 13 RTCACCACACCC 1

RESULT 673
US-10-257-017B-76732
; Sequence 76732, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT FILING DATE: 2002-10-07
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 76732
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0019608
US-10-257-017B-76732

Query Match 3.8%; Score 11; DB 1; Length 13;
Best Local Similarity 84.6%; Pred. No. 3e+02;
Matches 11; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 921 ATCACCACACCC 933
Db 1 RTCACCACACCC 13

RESULT 674
US-10-257-017B-82703
; Sequence 82703, Application US/10257017B
; GENERAL INFORMATION:

APPLICANT: Alexander Olek
APPLICANT: Christian Piepenbrock
APPLICANT: Kurt Berlin
TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
TITLE OF INVENTION: methylations
FILE REFERENCE: E01/1193/WO
CURRENT APPLICATION NUMBER: US/10/257,017B
CURRENT FILING DATE: 2002-10-07
PRIOR APPLICATION NUMBER: DE 10019173.8
PRIOR FILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 382046
SEQ ID NO 82703
LENGTH: 13
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0020856
US-10-257-017B-82703

Query Match 3.8%; Score 11; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 3e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 937 AGAGAAATTTTA 947
|||||
Db 2 AGAGAAATTTTA 12

RESULT 675
US-10-257-017B-82704/c
Sequence 82704, Application US/10257017B
GENERAL INFORMATION:
APPLICANT: Alexander Olek
APPLICANT: Christian Piepenbrock
APPLICANT: Kurt Berlin
TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
TITLE OF INVENTION: methylations
FILE REFERENCE: E01/1193/WO
CURRENT APPLICATION NUMBER: US/10/257,017B
CURRENT FILING DATE: 2002-10-07
PRIOR APPLICATION NUMBER: DE 10019173.8
PRIOR FILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 382046
SEQ ID NO 82704
LENGTH: 13
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0020856
US-10-257-017B-82704

Query Match 3.8%; Score 11; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 3e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 937 AGAGAAATTTTA 947
|||||
Db 12 AGAGAAATTTTA 2

RESULT 676
US-10-257-017B-86837/c
Sequence 86837, Application US/10257017B
GENERAL INFORMATION:
APPLICANT: Alexander Olek
APPLICANT: Christian Piepenbrock
APPLICANT: Kurt Berlin
TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
TITLE OF INVENTION: methylations
FILE REFERENCE: E01/1193/WO
CURRENT APPLICATION NUMBER: US/10/257,017B
CURRENT FILING DATE: 2002-10-07
PRIOR APPLICATION NUMBER: DE 10019173.8

PRIOR FILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 382046
SEQ ID NO 86837
LENGTH: 13
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0021813
US-10-257-017B-86837

Query Match 3.8%; Score 11; DB 1; Length 13;
Best Local Similarity 84.6%; Pred. No. 3e+02;
Matches 11; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Qy 921 ATCACCACACCC 933
|||||
Db 13 RTCCCCACACCC 1

RESULT 677
US-10-257-017B-86838
Sequence 86838, Application US/10257017B
GENERAL INFORMATION:
APPLICANT: Alexander Olek
APPLICANT: Kurt Berlin
TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
TITLE OF INVENTION: methylations
FILE REFERENCE: E01/1193/WO
CURRENT APPLICATION NUMBER: US/10/257,017B
CURRENT FILING DATE: 2002-10-07
PRIOR APPLICATION NUMBER: DE 10019173.8
PRIOR FILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 382046
SEQ ID NO 86838
LENGTH: 13
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0021813
US-10-257-017B-86838

Query Match 3.8%; Score 11; DB 1; Length 13;
Best Local Similarity 84.6%; Pred. No. 3e+02;
Matches 11; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Qy 921 ATCACCACACCC 933
|||||
Db 1 RTCCCCACACCC 13

RESULT 678
US-10-257-017B-91759/c
Sequence 91759, Application US/10257017B
GENERAL INFORMATION:
APPLICANT: Alexander Olek
APPLICANT: Christian Piepenbrock
APPLICANT: Kurt Berlin
TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
TITLE OF INVENTION: methylations
FILE REFERENCE: E01/1193/WO
CURRENT APPLICATION NUMBER: US/10/257,017B
CURRENT FILING DATE: 2002-10-07
PRIOR APPLICATION NUMBER: DE 10019173.8
PRIOR FILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 382046
SEQ ID NO 91759
LENGTH: 13
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0022955
US-10-257-017B-91759

Query Match 3.8%; Score 11; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 3e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 871 AACACTTTCT 881
| | | | |
DB 11 AACACTTTCT 1

RESULT 679

US-10-257-017B-91760
; Sequence 91760, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 91760
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0022955
US-10-257-017B-91760

Query Match 3.8%; Score 11; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 3e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 871 AACACTTTCT 881
| | | | |
DB 3 AACACTTTCT 13

RESULT 680

US-10-257-017B-94183/c
; Sequence 94183, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 94183
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0023510
US-10-257-017B-94183

Query Match 3.8%; Score 11; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 3e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 766 CCTCCACTTCT 776
| | | | |
DB 12 CCTCCACTTCT 2

RESULT 681

US-10-257-017B-94184
; Sequence 94184, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 94184
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0023510
US-10-257-017B-94184

Query Match 3.8%; Score 11; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 3e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 766 CCTCCACTTCT 776
| | | | |
DB 2 CCTCCACTTCT 12

RESULT 682

US-10-257-017B-99763/c
; Sequence 99763, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 99763
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0024796
US-10-257-017B-99763

Query Match 3.8%; Score 11; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 3e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 832 TCTTTTCTTCT 842
| | | | |
DB 13 TCTTTTCTTCT 3

RESULT 683

US-10-257-017B-99764
; Sequence 99764, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine

; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 9764
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0024796
US-10-257-017B-99764

Query Match 3.8%; Score 11; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 3e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 832 TCTTTTCTTCT 842
Db 1 TCTTTTCTTCT 11

RESULT 684

US-10-257-017B-100595
; Sequence 100595, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 100595
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0025023
US-10-257-017B-100595

Query Match 3.8%; Score 11; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 3e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 937 AGAGAAATTTA 947
Db 2 AGAGAAATTTA 12

RESULT 685

US-10-257-017B-100596/c
; Sequence 100596, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 100596
; LENGTH: 13

; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0025023
US-10-257-017B-100596

Query Match 3.8%; Score 11; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 3e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 937 AGAGAAATTTA 947
Db 12 AGAGAAATTTA 2

RESULT 686

US-10-257-017B-102197/c
; Sequence 102197, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 102197
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0025460
US-10-257-017B-102197

Query Match 3.8%; Score 11; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 3e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 766 CCTCCACTTCT 776
Db 11 CCTCCACTTCT 1

RESULT 687

US-10-257-017B-102198
; Sequence 102198, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 102198
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0025460
US-10-257-017B-102198

Query Match 3.8%; Score 11; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 3e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```
QY 766 CCTCCACTTCT 776
Db 3 CCTCCACTTCT 13

RESULT 688
US-10-257-017B-113349/c
; Sequence 113349, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 113349
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0028364
US-10-257-017B-113349

Query Match 3.8%; Score 11; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 3e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 927 ACCACCTCCA 937
Db 11 ACCACCTCCA 1

RESULT 689
US-10-257-017B-113350
; Sequence 113350, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 113350
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0028364
US-10-257-017B-113350

Query Match 3.8%; Score 11; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 3e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 927 ACCACCTCCA 937
Db 3 ACCACCTCCA 13

RESULT 690
US-10-257-017B-126251/c
; Sequence 126251, Application US/10257017B
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; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 126251
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0031588
US-10-257-017B-126251

Query Match 3.8%; Score 11; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 3e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 967 ACTCTCTAAAT 977
Db 12 ACTCTCTAAAT 2

RESULT 691
US-10-257-017B-126252
; Sequence 126252, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 126252
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0031588
US-10-257-017B-126252

Query Match 3.8%; Score 11; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 3e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 967 ACTCTCTAAAT 977
Db 2 ACTCTCTAAAT 12

RESULT 692
US-10-257-017B-127641/c
; Sequence 127641, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
```

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; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 127641
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0031954
US-10-257-017B-127641

Query Match      3.8%; Score 11; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 3e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      834 TTTTCTTCTCT 844
Db      13 TTTTCTTCTCT 3

RESULT 693
US-10-257-017B-127642
; Sequence 127642, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 127642
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0031954
US-10-257-017B-127642

Query Match      3.8%; Score 11; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 3e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      834 TTTTCTTCTCT 844
Db      1 TTTTCTTCTCT 11

RESULT 694
US-10-257-017B-143609
; Sequence 143609, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 143609
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0036052
US-10-257-017B-143609

Query Match      3.8%; Score 11; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 3e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      937 AGAGAATTTTA 947
Db      12 AGAGAATTTTA 2

RESULT 695
US-10-257-017B-143610/c
; Sequence 143610, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 143610
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0036052
US-10-257-017B-143610

Query Match      3.8%; Score 11; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 3e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      937 AGAGAATTTTA 947
Db      12 AGAGAATTTTA 2

RESULT 696
US-10-257-017B-145817/c
; Sequence 145817, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 145817
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0036736
US-10-257-017B-145817

Query Match      3.8%; Score 11; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 3e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      831 CTCCTTTCTTC 841
Db      11 CTCCTTTCTTC 1
```

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RESULT 697
US-10-257-017B-145818
; Sequence 145818, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 145818
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0036736
US-10-257-017B-145818

Query Match      3.8%; Score 11; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 3e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      831 CTCTTTTCTTC 841
Db      3 CTCTTTTCTTC 13

RESULT 698
US-10-257-017B-146067/c
; Sequence 146067, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 146067
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0036796
US-10-257-017B-146067

Query Match      3.8%; Score 11; DB 1; Length 13;
Best Local Similarity 84.6%; Pred. No. 3e+02;
Matches 11; Conservative 1; Mismatches 1; Indels 1; Gaps 0;

QY      961 AAATTGACTCTCT 973
Db      13 RAATTCATCTCT 1

RESULT 699
US-10-257-017B-146068
; Sequence 146068, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 146068
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0036796
US-10-257-017B-146068

Query Match      3.8%; Score 11; DB 1; Length 13;
Best Local Similarity 84.6%; Pred. No. 3e+02;
Matches 11; Conservative 1; Mismatches 1; Indels 1; Gaps 0;

QY      961 AAATTGACTCTCT 973
Db      13 RAATTCATCTCT 1

RESULT 700
US-10-257-017B-150567/c
; Sequence 150567, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 150567
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0037993
US-10-257-017B-150567

Query Match      3.8%; Score 11; DB 1; Length 13;
Best Local Similarity 84.6%; Pred. No. 3e+02;
Matches 11; Conservative 1; Mismatches 1; Indels 1; Gaps 0;

QY      914 GATTATCATCACC 926
Db      13 RACTATCATCACC 1

RESULT 701
US-10-257-017B-150568
; Sequence 150568, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 150568
```

; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0037993
US-10-257-017B-150568

Query Match 3.8%; Score 11; DB 1; Length 13;
Best Local Similarity 84.6%; Pred. No. 3e+02;
Matches 11; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 914 GATTATCATCACC 926
: |||||
Db 1 RACTATCATCACC 13

RESULT 702
US-10-257-017B-164135/c
; Sequence 164135, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 164135
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0041216
US-10-257-017B-164135

Query Match 3.8%; Score 11; DB 1; Length 13;
Best Local Similarity 84.6%; Pred. No. 3e+02;
Matches 11; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 885 ATGCACCTACTTC 897
: |||||
Db 13 RTCCACTTACTTC 1

RESULT 703
US-10-257-017B-164136
; Sequence 164136, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 164136
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0041216
US-10-257-017B-164136

Query Match 3.8%; Score 11; DB 1; Length 13;
Best Local Similarity 84.6%; Pred. No. 3e+02;

Matches 11; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 885 ATGCACCTACTTC 897
: |||||
Db 1 RTCCACTTACTTC 13

RESULT 704
US-10-257-017B-179431/c
; Sequence 179431, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 179431
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0044422
US-10-257-017B-179431

Query Match 3.8%; Score 11; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 3e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 969 TCTCTAAATCT 979
: |||||
Db 11 TCTCTAAATCT 1

RESULT 705
US-10-257-017B-179432
; Sequence 179432, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 179432
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0044422
US-10-257-017B-179432

Query Match 3.8%; Score 11; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 3e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 969 TCTCTAAATCT 979
: |||||
Db 3 TCTCTAAATCT 13

RESULT 706
US-10-257-017B-206891/c

```
; Sequence 206891, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 206891
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0050621
US-10-257-017B-206891

Query Match      3.8%; Score 11; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 3e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      941 AATTTTACGCA 951
Db      11 AATTTTACGCA 1

RESULT 707
US-10-257-017B-206892
; Sequence 206892, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 206892
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0050621
US-10-257-017B-206892

Query Match      3.8%; Score 11; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 3e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      941 AATTTTACGCA 951
Db      3 AATTTTACGCA 13

RESULT 708
US-10-257-017B-218355/c
; Sequence 218355, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
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; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 218355
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0053088
US-10-257-017B-218355

Query Match      3.8%; Score 11; DB 1; Length 13;
Best Local Similarity 84.6%; Pred. No. 3e+02;
Matches 11; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY      940 GAATTTTACGCA 952
Db      13 RAAATTTACTCAA 1

RESULT 709
US-10-257-017B-218356
; Sequence 218356, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 218356
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0053088
US-10-257-017B-218356

Query Match      3.8%; Score 11; DB 1; Length 13;
Best Local Similarity 84.6%; Pred. No. 3e+02;
Matches 11; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY      940 GAATTTTACGCA 952
Db      1 RAAATTTACTCAA 13

RESULT 710
US-10-257-017B-219761/c
; Sequence 219761, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 219761
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
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; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0053465
US-10-257-017B-219761

Query Match 3.8%; Score 11; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 3e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 967 ACTCTCTAAAT 977
Db 12 ACTCTCTAAAT 2

RESULT 711
US-10-257-017B-219762
; Sequence 219762, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 219762
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0053465
US-10-257-017B-219762

Query Match 3.8%; Score 11; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 3e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 967 ACTCTCTAAAT 977
Db 2 ACTCTCTAAAT 12

RESULT 712
US-10-257-017B-223159/c
; Sequence 223159, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 223159
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0054343
US-10-257-017B-223159

Query Match 3.8%; Score 11; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 3e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 922 TCACCACCACC 932
Db 12 ATTATCATCAC 2

Db 13 TCACCACCACC 3

RESULT 713
US-10-257-017B-223160
; Sequence 223160, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 223160
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0054343
US-10-257-017B-223160

Query Match 3.8%; Score 11; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 3e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 922 TCACCACCACC 932
Db 1 TCACCACCACC 11

RESULT 714
US-10-257-017B-224895/c
; Sequence 224895, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 224895
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0005476
US-10-257-017B-224895

Query Match 3.8%; Score 11; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 3e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 915 ATTATCATCAC 925
Db 12 ATTATCATCAC 2

RESULT 715
US-10-257-017B-224896
; Sequence 224896, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock

; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 224896
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0005476
US-10-257-017B-224896

Query Match 3.8%; Score 11; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 3e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 915 ATTATCATCAC 925
Db 2 ATTATCATCAC 12

RESULT 716
US-10-257-017B-250361/c
; Sequence 250361, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 250361
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0061131
US-10-257-017B-250361

Query Match 3.8%; Score 11; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 3e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 889 ACTTACTTCTC 899
Db 13 ACTTACTTCTC 3

RESULT 717
US-10-257-017B-250362
; Sequence 250362, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046

; SEQ ID NO 250362
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0061131
US-10-257-017B-250362

Query Match 3.8%; Score 11; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 3e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 889 ACTTACTTCTC 899
Db 1 ACTTACTTCTC 11

RESULT 718
US-10-257-017B-253193
; Sequence 253193, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 253193
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0061746
US-10-257-017B-253193

Query Match 3.8%; Score 11; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 3e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 937 AGAGAAATTTA 947
Db 1 AGAGAAATTTA 11

RESULT 719
US-10-257-017B-253194/c
; Sequence 253194, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 253194
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0061746
US-10-257-017B-253194

Query Match 3.8%; Score 11; DB 1; Length 13;

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Best Local Similarity 100.0%; Pred. No. 3e+02; Indels 0; Gaps 0;
Matches 11; Conservative 0; Mismatches 0;

QY 937 AGAGAAATTTTA 947
Db 13 AGAGAAATTTTA 3

RESULT 720
US-10-257-017B-253871/c
; Sequence 253871, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 253871
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0061899
US-10-257-017B-253871

Query Match 3.8%; Score 11; DB 1; Length 13;
Best Local Similarity 84.6%; Pred. No. 3e+02; Indels 1; Gaps 0;
Matches 11; Conservative 1; Mismatches 1;

QY 966 GACTCTCTAAATC 978
Db 13 RACTCACTAAATC 1

RESULT 721
US-10-257-017B-253872
; Sequence 253872, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 253872
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0061899
US-10-257-017B-253872

Query Match 3.8%; Score 11; DB 1; Length 13;
Best Local Similarity 84.6%; Pred. No. 3e+02; Indels 1; Gaps 0;
Matches 11; Conservative 1; Mismatches 1;

QY 966 GACTCTCTAAATC 978
Db 1 RACTCACTAAATC 13

RESULT 722
US-10-257-017B-253871/c
; Sequence 257127, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 257127
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0062583
US-10-257-017B-257127

Query Match 3.8%; Score 11; DB 1; Length 13;
Best Local Similarity 84.6%; Pred. No. 3e+02; Indels 1; Gaps 0;
Matches 11; Conservative 1; Mismatches 1;

QY 967 ACTCTCTAAATCT 979
Db 13 RCTCTCTAAATCT 1

RESULT 723
US-10-257-017B-257128
; Sequence 257128, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 257128
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0062583
US-10-257-017B-257128

Query Match 3.8%; Score 11; DB 1; Length 13;
Best Local Similarity 84.6%; Pred. No. 3e+02; Indels 1; Gaps 0;
Matches 11; Conservative 1; Mismatches 1;

QY 967 ACTCTCTAAATCT 979
Db 1 RCTCTCTAAATCT 13

RESULT 724
US-10-708-951-22954
; Sequence 22954, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; TITLE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
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; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 22954
; LENGTH: 13
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-22954

Query Match      3.8%; Score 11; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 3e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      923 CACCACCAACC 933
DB      3 CACCACCAACC 13

RESULT 725
US-10-708-951-23880/c
; Sequence 23880, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 23880
; LENGTH: 13
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-23880

Query Match      3.8%; Score 11; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 3e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      878 TCCTGAGATGC 888
DB      13 TCCTGAGATGC 3

RESULT 726
US-10-708-951-28696/c
; Sequence 28696, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 28696
; LENGTH: 13
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-28696

Query Match      3.8%; Score 11; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 3e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      878 TCCTGAGATGC 888
DB      13 TCCTGAGATGC 3

RESULT 727
US-10-708-951-30978
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; Sequence 30978, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 30978
; LENGTH: 13
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-30978

Query Match      3.8%; Score 11; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 3e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      923 CACCACCAACC 933
DB      3 CACCACCAACC 13

RESULT 728
US-10-708-951-32163/c
; Sequence 32163, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 32163
; LENGTH: 13
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-32163

Query Match      3.8%; Score 11; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 3e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      878 TCCTGAGATGC 888
DB      13 TCCTGAGATGC 3

RESULT 729
US-10-708-951-45693/c
; Sequence 45693, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 45693
; LENGTH: 13
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-45693

Query Match      3.8%; Score 11; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 3e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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QY      878 TCCTGAGATGC 888
DB      13 TCCTGAGATGC 3

RESULT 730
US-10-708-951-50418
; Sequence 50418, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; TITLE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 50418
; LENGTH: 13
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-50418

Query Match      3.8%; Score 11; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 3e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      923 CACCACCACCC 933
DB      4 CACCACCACCC 14

RESULT 731
US-10-708-951-23411/c
; Sequence 23411, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; TITLE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 23411
; LENGTH: 14
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-23411

Query Match      3.8%; Score 11; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.4e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      878 TCCTGAGATGC 888
DB      14 TCCTGAGATGC 4

RESULT 734
US-10-708-951-26464
; Sequence 26464, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; TITLE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 26464
; LENGTH: 14
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-26464

Query Match      3.8%; Score 11; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.4e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      923 CACCACCACCC 933
DB      4 CACCACCACCC 14

RESULT 735
US-10-708-951-27537/c
; Sequence 27537, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
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```
QY      878 TCCTGAGATGC 888
DB      13 TCCTGAGATGC 3

RESULT 730
US-10-708-951-50418
; Sequence 50418, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; TITLE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 50418
; LENGTH: 13
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-50418

Query Match      3.8%; Score 11; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 3e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      923 CACCACCACCC 933
DB      3 CACCACCACCC 13

RESULT 731
US-10-708-951-20172
; Sequence 20172, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; TITLE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20172
; LENGTH: 14
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-20172

Query Match      3.8%; Score 11; DB 1; Length 14;
Best Local Similarity 72.7%; Pred. No. 3.4e+02;
Matches 8; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY      724 GACTCTGCTCA 734
DB      4 GACUCUGGUCA 14

RESULT 732
US-10-708-951-22455
; Sequence 22455, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; TITLE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 22455
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; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; TITLE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 27537
; LENGTH: 14
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-27537

Query Match          3.8%; Score 11; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.4e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      878 TCCTGAGATGC 888
Db      14 TCCTGAGATGC 4

RESULT 736
US-10-708-951-31720/c
; Sequence 31720, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; TITLE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 31720
; LENGTH: 14
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-31720

Query Match          3.8%; Score 11; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.4e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      878 TCCTGAGATGC 888
Db      14 TCCTGAGATGC 4

RESULT 737
US-10-708-951-38531
; Sequence 38531, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; TITLE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 38531
; LENGTH: 14
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-38531

Query Match          3.8%; Score 11; DB 1; Length 14;
Best Local Similarity 72.7%; Pred. No. 3.4e+02;
Matches 8; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY      724 GACTCTGGTCA 734
Db      14 GACTCTGGTCA 4

RESULT 738
US-10-708-951-38880
; Sequence 38880, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; TITLE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 38880
; LENGTH: 14
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-38880

Query Match          3.8%; Score 11; DB 1; Length 14;
Best Local Similarity 72.7%; Pred. No. 3.4e+02;
Matches 8; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY      724 GACTCTGGTCA 734
Db      4 GACUCUGGUCA 14

RESULT 739
US-10-708-951-44338
; Sequence 44338, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; TITLE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 44338
; LENGTH: 14
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-44338

Query Match          3.8%; Score 11; DB 1; Length 14;
Best Local Similarity 72.7%; Pred. No. 3.4e+02;
Matches 8; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY      724 GACTCTGGTCA 734
Db      4 GACUCUGGUCA 14

RESULT 740
US-10-708-951-47482
; Sequence 47482, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; TITLE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 47482
; LENGTH: 14
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-47482

Query Match          3.8%; Score 11; DB 1; Length 14;
Best Local Similarity 72.7%; Pred. No. 3.4e+02;
Matches 8; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY      724 GACTCTGGTCA 734
Db      14 GACTCTGGTCA 4
```

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US-10-708-951-47482
Query Match          3.8%; Score 11; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.4e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 923 CACCACCAACC 933
    |||||
Db 4 CACCACCAACC 14

RESULT 741
US-10-708-951-47990/c
; Sequence 47990, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; TITLE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 47990
; LENGTH: 14
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-47990

Query Match          3.8%; Score 11; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.4e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 878 TCCTGAGATGC 888
    |||||
Db 14 TCCTGAGATGC 4

RESULT 742
US-10-803-653-200/c
; Sequence 200, Application US/10803653
; GENERAL INFORMATION:
; APPLICANT: Cambridge Antibody Technology
; APPLICANT: Medical Research Council
; APPLICANT: Pope, Anthony
; APPLICANT: McCafferty, John
; APPLICANT: Johnson, Kevin
; APPLICANT: Hoogenboom, Hendricus
; APPLICANT: Griffiths, Andrew
; APPLICANT: Jackson, Ronald
; APPLICANT: Holliger, Kasper
; APPLICANT: Marks, James
; APPLICANT: Clarkson, Timothy
; APPLICANT: Chiswell, David
; APPLICANT: Winter, Gregory
; APPLICANT: Bonert, Timothy
; TITLE OF INVENTION: Methods for Producing Members of Specific Binding Pairs
; FILE REFERENCE: 13839-00013
; CURRENT APPLICATION NUMBER: US/10/803,653
; CURRENT FILING DATE: 2004-03-18
; PRIOR APPLICATION NUMBER: GB 9015198.6
; PRIOR FILING DATE: 1990-07-10
; PRIOR APPLICATION NUMBER: GB 9022845.3
; PRIOR FILING DATE: 1990-10-19
; PRIOR APPLICATION NUMBER: GB 9022845.3
; PRIOR FILING DATE: 1990-10-19
; PRIOR APPLICATION NUMBER: GB 9024503.6
; PRIOR FILING DATE: 1990-11-12
; PRIOR APPLICATION NUMBER: GB 9104744.9
; PRIOR FILING DATE: 1991-03-06
; PRIOR APPLICATION NUMBER: GB 9110549.4
; PRIOR FILING DATE: 1991-05-15
; PRIOR APPLICATION NUMBER: US/10/803,653
; CURRENT FILING DATE: 2004-03-18
; PRIOR APPLICATION NUMBER: GB 9015198.6
; PRIOR FILING DATE: 1990-07-10
; PRIOR APPLICATION NUMBER: GB 9022845.3
; PRIOR FILING DATE: 1990-10-19
; PRIOR APPLICATION NUMBER: GB 9022845.3
; PRIOR FILING DATE: 1990-10-19
; PRIOR APPLICATION NUMBER: GB 9024503.6
; PRIOR FILING DATE: 1990-11-12
; PRIOR APPLICATION NUMBER: GB 9104744.9
; PRIOR FILING DATE: 1991-03-06
; PRIOR APPLICATION NUMBER: GB 9110549.4
; PRIOR FILING DATE: 1991-05-15

US-10-803-622-200/c
; Sequence 200, Application US/10803622
; GENERAL INFORMATION:
; APPLICANT: Cambridge Antibody Technology
; APPLICANT: Medical Research Council
; APPLICANT: McCafferty, John
; APPLICANT: Pope, Anthony
; APPLICANT: Johnson, Kevin
; APPLICANT: Hoogenboom, Hendricus
; APPLICANT: Griffiths, Andrew
; APPLICANT: Jackson, Ronald
; APPLICANT: Holliger, Kasper
; APPLICANT: Marks, James
; APPLICANT: Clarkson, Timothy
; APPLICANT: Chiswell, David
; APPLICANT: Winter, Gregory
; APPLICANT: Bonert, Timothy
; TITLE OF INVENTION: Methods for Producing Members of Specific Binding Pairs
; FILE REFERENCE: 13839-00013
; CURRENT APPLICATION NUMBER: US/10/803,622
; CURRENT FILING DATE: 2004-03-18
; PRIOR APPLICATION NUMBER: GB 9015198.6
; PRIOR FILING DATE: 1990-07-10
; PRIOR APPLICATION NUMBER: GB 9022845.3
; PRIOR FILING DATE: 1990-10-19
; PRIOR APPLICATION NUMBER: GB 9022845.3
; PRIOR FILING DATE: 1990-10-19
; PRIOR APPLICATION NUMBER: GB 9024503.6
; PRIOR FILING DATE: 1990-11-12
; PRIOR APPLICATION NUMBER: GB 9104744.9
; PRIOR FILING DATE: 1991-03-06
; PRIOR APPLICATION NUMBER: GB 9110549.4
; PRIOR FILING DATE: 1991-05-15
; PRIOR APPLICATION NUMBER: PCT/GB91/01134
; PRIOR FILING DATE: 1991-07-10
; PRIOR APPLICATION NUMBER: US 07/971,857
; PRIOR FILING DATE: 1993-01-08
; PRIOR APPLICATION NUMBER: US 08/484,893
; PRIOR FILING DATE: 1995-06-07
; NUMBER OF SEQ ID NOS: 272
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 200
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: site in geneIII for introduction of BamHI site via oligo G3 BamHI
US-10-803-653-200

Query Match          3.8%; Score 11; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 3.7e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 925 CCACCACCCCTC 935
    |||||
Db 11 CCACCACCCCTC 1

RESULT 743
US-10-803-622-200/c
; Sequence 200, Application US/10803622
; GENERAL INFORMATION:
; APPLICANT: Cambridge Antibody Technology
; APPLICANT: Medical Research Council
; APPLICANT: McCafferty, John
; APPLICANT: Pope, Anthony
; APPLICANT: Johnson, Kevin
; APPLICANT: Hoogenboom, Hendricus
; APPLICANT: Griffiths, Andrew
; APPLICANT: Jackson, Ronald
; APPLICANT: Holliger, Kasper
; APPLICANT: Marks, James
; APPLICANT: Clarkson, Timothy
; APPLICANT: Chiswell, David
; APPLICANT: Winter, Gregory
; APPLICANT: Bonert, Timothy
; TITLE OF INVENTION: Methods for Producing Members of Specific Binding Pairs
; FILE REFERENCE: 13839-00013
; CURRENT APPLICATION NUMBER: US/10/803,622
; CURRENT FILING DATE: 2004-03-18
; PRIOR APPLICATION NUMBER: GB 9015198.6
; PRIOR FILING DATE: 1990-07-10
; PRIOR APPLICATION NUMBER: GB 9022845.3
; PRIOR FILING DATE: 1990-10-19
; PRIOR APPLICATION NUMBER: GB 9022845.3
; PRIOR FILING DATE: 1990-10-19
; PRIOR APPLICATION NUMBER: GB 9024503.6
; PRIOR FILING DATE: 1990-11-12
; PRIOR APPLICATION NUMBER: GB 9104744.9
; PRIOR FILING DATE: 1991-03-06
; PRIOR APPLICATION NUMBER: GB 9110549.4
; PRIOR FILING DATE: 1991-05-15
; PRIOR APPLICATION NUMBER: PCT/GB91/01134
; PRIOR FILING DATE: 1991-07-10
; PRIOR APPLICATION NUMBER: US 07/971,857
; PRIOR FILING DATE: 1993-01-08
; PRIOR APPLICATION NUMBER: US 08/484,893
; PRIOR FILING DATE: 1995-06-07
; NUMBER OF SEQ ID NOS: 272
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 200
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:

```

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; OTHER INFORMATION: site in geneIII for introduction of BamHI site via oligo G3 BamI
US-10-803-622-200

Query Match          3.8%; Score 11; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 3.7e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      925 CCACCACCTC 935
      |||||
Db       11 CCACCACCTC 1

RESULT 744
US-10-708-951-17671/c
; Sequence 17671, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; FILE REFERENCE: 55034
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 17671
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-17671

Query Match          3.8%; Score 11; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 3.7e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      958 GCCAAATTGAC 968
      |||||
Db       14 GCCAAATTGAC 4

RESULT 745
US-10-708-951-21020
; Sequence 21020, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; FILE REFERENCE: 55034
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 21020
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-21020

Query Match          3.8%; Score 11; DB 1; Length 15;
Best Local Similarity 72.7%; Pred. No. 3.7e+02;
Matches 8; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY      724 GACTCTGGTCA 734
      |||||
Db       3 GACUCUGGUA 13

RESULT 746
US-10-708-951-22290
; Sequence 22290, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; FILE REFERENCE: 55034
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 22290
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-22290

Query Match          3.8%; Score 11; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 3.7e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      923 CACCACCAACC 933
      |||||
Db       5 CACCACCAACC 15
```

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; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 22290
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-22290

Query Match          3.8%; Score 11; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 3.7e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      923 CACCACCAACC 933
      |||||
Db       5 CACCACCAACC 15

RESULT 747
US-10-708-951-25993
; Sequence 25993, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 25993
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-25993

Query Match          3.8%; Score 11; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 3.7e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      923 CACCACCAACC 933
      |||||
Db       5 CACCACCAACC 15

RESULT 748
US-10-708-951-30971
; Sequence 30971, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 30971
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-30971

Query Match          3.8%; Score 11; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 3.7e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      923 CACCACCAACC 933
      |||||
Db       5 CACCACCAACC 15
```

RESULT 749
US-10-708-951-38265
; Sequence 38265, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; TITLE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 38265
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-38265

Query Match 3.8%; Score 11; DB 1; Length 15;
Best Local Similarity 72.7%; Pred. No. 3.7e+02;
Matches 8; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 724 GACTCTGGTCA 734
|||:|:|:|
Db 3 GACUCUGGUCA 13

RESULT 750
US-10-708-951-38787
; Sequence 38787, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; TITLE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 38787
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-38787

Query Match 3.8%; Score 11; DB 1; Length 15;
Best Local Similarity 72.7%; Pred. No. 3.7e+02;
Matches 8; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 724 GACTCTGGTCA 734
|||:|:|:|
Db 3 GACUCUGGUCA 13

RESULT 751
US-10-708-951-41059/c
; Sequence 41059, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; TITLE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 41059
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-41059

Query Match 3.8%; Score 11; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 3.7e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 958 GCCAAATTGAC 968
|||:|:|:|
Db 14 GCCAAATTGAC 4

RESULT 752
US-10-708-951-42294
; Sequence 42294, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; TITLE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 42294
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-42294

Query Match 3.8%; Score 11; DB 1; Length 15;
Best Local Similarity 72.7%; Pred. No. 3.7e+02;
Matches 8; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 724 GACTCTGGTCA 734
|||:|:|:|
Db 3 GACUCUGGUCA 13

RESULT 753
US-10-708-951-44116
; Sequence 44116, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; TITLE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 44116
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-44116

Query Match 3.8%; Score 11; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 3.7e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 923 CACCACCCACC 933
|||:|:|:|
Db 5 CACCACCCACC 15

RESULT 754
US-10-815-571-17
; Sequence 17, Application US/10815571
; GENERAL INFORMATION:
; APPLICANT: Dain, Bradley J.
; APPLICANT: Messer, Chad
; APPLICANT: Reed, Carol R.
; APPLICANT: Rounds, Eileen M.
; APPLICANT: Zhan, Ping
; TITLE OF INVENTION: ABCAL Genetic Markers and Statin Response


```
; FILE REFERENCE: MMH-3047US
; CURRENT APPLICATION NUMBER: US/10/815,571
; CURRENT FILING DATE: 2004-03-31
; PRIOR APPLICATION NUMBER: US 60/459,431
; PRIOR FILING DATE: 2003-03-31
; NUMBER OF SEQ ID NOS: 125
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-815-571-17

Query Match      3.8%; Score 11; DB 1; Length 15;
Best Local Similarity 84.6%; Pred. No. 3.7e+02;
Matches 11; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 714 CCAGGAGAGTGAC 726
   ||| ||| ||| |||
Db 2 CCATGASAGTGAC 14

RESULT 755
US-10-364-412A-2770/c
; Sequence 2770, Application US/10364412A
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Saccharomyces cerevisiae complete genome.
; FILE REFERENCE: Jim Zeger Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/364,412A
; CURRENT FILING DATE: 2003-02-12
; NUMBER OF SEQ ID NOS: 9208
; SOFTWARE: Proprietary
; SEQ ID NO 2770
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Saccharomyces cerevisiae complete genome.
; FEATURE:
; LOCATION: (854418)...(854432)
; OTHER INFORMATION: Chromosome = 4 Strand = negative ConnectronObjectNumber = 3074
US-10-364-412A-2770

Query Match      3.8%; Score 11; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 3.7e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 834 TTTTCTTCTCT 844
   ||| ||| ||| |||
Db 14 TTTTCTTCTCT 4

RESULT 756
US-10-364-412A-2981/c
; Sequence 2981, Application US/10364412A
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Saccharomyces cerevisiae complete genome.
; FILE REFERENCE: Jim Zeger Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/364,412A
; CURRENT FILING DATE: 2003-02-12
; NUMBER OF SEQ ID NOS: 9208
; SOFTWARE: Proprietary
; SEQ ID NO 2981
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Saccharomyces cerevisiae complete genome.
; FEATURE:
; LOCATION: (1389979)...(1389992)
; OTHER INFORMATION: Chromosome = 4 Strand = positive ConnectronObjectNumber = 4001
US-10-364-412A-2981

Query Match      3.8%; Score 11; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 3.7e+02;
```

```
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 834 TTTTCTTCTCT 844
   ||| ||| ||| |||
Db 14 TTTTCTTCTCT 4

RESULT 757
US-10-364-412A-2982/c
; Sequence 2982, Application US/10364412A
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Saccharomyces cerevisiae complete genome.
; FILE REFERENCE: Jim Zeger Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/364,412A
; CURRENT FILING DATE: 2003-02-12
; NUMBER OF SEQ ID NOS: 9208
; SOFTWARE: Proprietary
; SEQ ID NO 2982
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Saccharomyces cerevisiae complete genome.
; FEATURE:
; LOCATION: (1410190)...(1410205)
; OTHER INFORMATION: Chromosome = 4 Strand = positive ConnectronObjectNumber = 4017
US-10-364-412A-2982

Query Match      3.8%; Score 11; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 3.7e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 834 TTTTCTTCTCT 844
   ||| ||| ||| |||
Db 14 TTTTCTTCTCT 4

RESULT 758
US-10-466-552A-3
; Sequence 3, Application US/10466552A
; GENERAL INFORMATION:
; APPLICANT: Evotec OAI AG
; TITLE OF INVENTION: Methods and Means for the Detection of Enzyme-Catalyzed
; FILE REFERENCE: P69029USO
; CURRENT APPLICATION NUMBER: US/10/466,552A
; CURRENT FILING DATE: 2003-07-25
; PRIOR APPLICATION NUMBER: PCT/EP02/00845
; PRIOR FILING DATE: 2002-01-28
; PRIOR APPLICATION NUMBER: EP01101869.4
; PRIOR FILING DATE: 2001-01-26
; NUMBER OF SEQ ID NOS: 3
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 3
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthesized
US-10-466-552A-3

Query Match      3.8%; Score 11; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 3.7e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 923 CACCACCACCC 933
   ||| ||| ||| |||
Db 4 CACCACCACCC 14

RESULT 759
US-10-796-280-68335
; Sequence 68335, Application US/10796280
; GENERAL INFORMATION:
```

; APPLICANT: CARGILL, Michele et al.
 ; TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
 ; TITLE OF INVENTION: STENOSIS, METHODS OF DETECTION AND USES THEREOF
 ; FILE REFERENCE: CLO01510
 ; CURRENT APPLICATION NUMBER: US/10/796,280
 ; CURRENT FILING DATE: 2004-03-10
 ; NUMBER OF SEQ ID NOS: 68533
 ; SOFTWARE: RastSeq for Windows Version 4.0
 ; SEQ ID NO 68335
 ; LENGTH: 16
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 US-10-796-280-68335

Query Match 3.8%; Score 11; DB 1; Length 16;
 Best Local Similarity 100.0%; Pred. No. 4.1e+02;
 Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 925 CCACCACCCCTC 935
 DB 2 CCACCACCCCTC 12

RESULT 760
 US-10-708-951-22868
 ; Sequence 22868, Application US/10708951
 ; GENERAL INFORMATION:
 ; APPLICANT: ROSETTA GENOMICS LTD
 ; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
 ; TITLE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF
 ; FILE REFERENCE: 55034
 ; CURRENT APPLICATION NUMBER: US/10/708,951
 ; CURRENT FILING DATE: 2004-04-02
 ; NUMBER OF SEQ ID NOS: 59824
 ; SOFTWARE: PatentIn version 3.2
 ; SEQ ID NO 22868
 ; LENGTH: 16
 ; TYPE: RNA
 ; ORGANISM: Homo sapiens
 US-10-708-951-22868

Query Match 3.8%; Score 11; DB 1; Length 16;
 Best Local Similarity 100.0%; Pred. No. 4.1e+02;
 Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 923 CACCACCACTC 933
 DB 6 CACCACCACTC 16

RESULT 761
 US-10-708-951-26119
 ; Sequence 26119, Application US/10708951
 ; GENERAL INFORMATION:
 ; APPLICANT: ROSETTA GENOMICS LTD
 ; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
 ; TITLE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF
 ; FILE REFERENCE: 55034
 ; CURRENT APPLICATION NUMBER: US/10/708,951
 ; CURRENT FILING DATE: 2004-04-02
 ; NUMBER OF SEQ ID NOS: 59824
 ; SOFTWARE: PatentIn version 3.2
 ; SEQ ID NO 26119
 ; LENGTH: 16
 ; TYPE: RNA
 ; ORGANISM: Homo sapiens
 US-10-708-951-26119

Query Match 3.8%; Score 11; DB 1; Length 16;
 Best Local Similarity 100.0%; Pred. No. 4.1e+02;
 Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 923 CACCACCACTC 933

DB 6 CACCACCACTC 16

RESULT 762
 US-10-708-951-31207
 ; Sequence 31207, Application US/10708951
 ; GENERAL INFORMATION:
 ; APPLICANT: ROSETTA GENOMICS LTD
 ; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
 ; TITLE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF
 ; FILE REFERENCE: 55034
 ; CURRENT APPLICATION NUMBER: US/10/708,951
 ; CURRENT FILING DATE: 2004-04-02
 ; NUMBER OF SEQ ID NOS: 59824
 ; SOFTWARE: PatentIn version 3.2
 ; SEQ ID NO 31207
 ; LENGTH: 16
 ; TYPE: RNA
 ; ORGANISM: Homo sapiens
 US-10-708-951-31207

Query Match 3.8%; Score 11; DB 1; Length 16;
 Best Local Similarity 100.0%; Pred. No. 4.1e+02;
 Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 923 CACCACCACTC 933
 DB 6 CACCACCACTC 16

RESULT 763
 US-10-708-951-51279
 ; Sequence 51279, Application US/10708951
 ; GENERAL INFORMATION:
 ; APPLICANT: ROSETTA GENOMICS LTD
 ; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
 ; TITLE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF
 ; FILE REFERENCE: 55034
 ; CURRENT APPLICATION NUMBER: US/10/708,951
 ; CURRENT FILING DATE: 2004-04-02
 ; NUMBER OF SEQ ID NOS: 59824
 ; SOFTWARE: PatentIn version 3.2
 ; SEQ ID NO 51279
 ; LENGTH: 16
 ; TYPE: RNA
 ; ORGANISM: Homo sapiens
 US-10-708-951-51279

Query Match 3.8%; Score 11; DB 1; Length 16;
 Best Local Similarity 100.0%; Pred. No. 4.1e+02;
 Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 923 CACCACCACTC 933
 DB 6 CACCACCACTC 16

RESULT 764
 US-10-138-674B-5974/c
 ; Sequence 5974, Application US/10138674B
 ; GENERAL INFORMATION:
 ; APPLICANT: Sirna Therapeutics, Inc.
 ; APPLICANT: Pavco, Pam
 ; APPLICANT: McSwiggan, James
 ; APPLICANT: Stinchcomb, Dan
 ; APPLICANT: Escobedo, Jaime
 ; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
 ; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
 ; FILE REFERENCE: MHHB00-876-N (400/049)
 ; CURRENT APPLICATION NUMBER: US/10/138,674B
 ; CURRENT FILING DATE: 2002-05-03
 ; NUMBER OF SEQ ID NOS: 20829

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; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5974
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674B-5974

Query Match          3.8%; Score 11; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 4.1e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      894 CTTCTCAGCTT 904
Db       16 CTTCTCAGCTT 6

RESULT 765
US-10-758-622-18/c
; Sequence 18, Application US/10758622
; GENERAL INFORMATION:
; APPLICANT: LIN, LEU-PEN
; COLLINS, FRANKLIN D.
; DOHERTY, DANIEL H.
; LILE, JACK
; BEKTESH, SUSAN
; TITLE OF INVENTION: Glial Cell Line-Derived Neurotrophic Factor
; NUMBER OF SEQUENCES: 25
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: ANGEN INC.
; STREET: 1840 DeHavilland Drive
; CITY: Thousand Oaks
; STATE: California
; COUNTRY: USA
; ZIP: 91320-1789
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy Disk
; COMPUTER: Macintosh
; OPERATING SYSTEM: 7.1
; SOFTWARE: Microsoft Word 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10758,622
; FILING DATE: 14-Jan-2004
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/182,183
; FILING DATE: 23-MAY-1994
; INFORMATION FOR SEQ ID NO: 18:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; FEATURE:
; NAME/KEY: oligonucleotide primer PD2
; SEQUENCE DESCRIPTION: SEQ ID NO: 18:
US-10-758-622-18

Query Match          3.8%; Score 11; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 4.5e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      856 CCTGGCTCCAG 866
Db       13 CCTGGCTCCAG 3

RESULT 766
US-60-545-213-146137/c
; Sequence 146137, Application US/60545213
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Mounts, William Martin
; TITLE OF INVENTION: Nucleic Acid Arrays for Monitoring Expression Profiles of Drug
; FILE REFERENCE: AM101083 (031896-042099)
; CURRENT APPLICATION NUMBER: US/60/545,213
; CURRENT FILING DATE: 2004-02-18
; NUMBER OF SEQ ID NOS: 303284
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 146137
; LENGTH: 25
; TYPE: DNA
; ORGANISM: probe
US-60-545-213-146137

Query Match          3.8%; Score 11; DB 1; Length 25;
Best Local Similarity 73.7%; Pred. No. 6.8e+02;
Matches 14; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY      706 AGCGAGTCCAGGAGGTG 724
Db       20 AGTGCATCTCAGGAAGTG 2

RESULT 767
US-60-545-213-150926/c
; Sequence 150926, Application US/60545213
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Mounts, William Martin
; TITLE OF INVENTION: Nucleic Acid Arrays for Monitoring Expression Profiles of Drug
; TITLE OF INVENTION: Target Genes
; FILE REFERENCE: AM101083 (031896-042099)
; CURRENT APPLICATION NUMBER: US/60/545,213
; CURRENT FILING DATE: 2004-02-18
; NUMBER OF SEQ ID NOS: 303284
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 150926
; LENGTH: 25
; TYPE: DNA
; ORGANISM: probe
US-60-545-213-150926

Query Match          3.8%; Score 11; DB 1; Length 25;
Best Local Similarity 73.7%; Pred. No. 6.8e+02;
Matches 14; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY      706 AGCGAGTCCAGGAGGTG 724
Db       21 AGTGCATCTCAGGAAGTG 3

RESULT 768
US-60-545-213-163247/c
; Sequence 163247, Application US/60545213
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Mounts, William Martin
; TITLE OF INVENTION: Nucleic Acid Arrays for Monitoring Expression Profiles of Drug
; FILE REFERENCE: AM101083 (031896-042099)
; CURRENT APPLICATION NUMBER: US/60/545,213
; CURRENT FILING DATE: 2004-02-18
; NUMBER OF SEQ ID NOS: 303284
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 163247
; LENGTH: 25
; TYPE: DNA
; ORGANISM: probe
US-60-545-213-163247

Query Match          3.8%; Score 11; DB 1; Length 25;
Best Local Similarity 73.7%; Pred. No. 6.8e+02;
Matches 14; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY      706 AGCGAGTCCAGGAGGTG 724
Db       21 AGTGCATCTCAGGAAGTG 3
```

```
Db      19 AGTGCATCTCAGGAAGTG 1
;
; LENGTH: 25
; TYPE: DNA
; ORGANISM: probe
US-60-545-213-179325

Query Match      3.8%; Score 11; DB 1; Length 25;
Best Local Similarity 73.7%; Pred. No. 6.8e+02;
Matches 14; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY      873 CACTTCTCTGAGATCCACT 891
      ||| ||| ||| ||| ||| |||
Db      23 CACTCTCTCTGGGACTCGCT 5

RESULT 772
US-60-545-213-188047/c
; Sequence 188047, Application US/60545213
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Mounts, William Martin
; TITLE OF INVENTION: Nucleic Acid Arrays for Monitoring Expression Profiles of Drug
; FILE REFERENCE: AM101083 (031896-042099)
; CURRENT APPLICATION NUMBER: US/60/545,213
; CURRENT FILING DATE: 2004-02-18
; NUMBER OF SEQ ID NOS: 303284
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 188047
; LENGTH: 25
; TYPE: DNA
; ORGANISM: probe
US-60-545-213-188047

Query Match      3.8%; Score 11; DB 1; Length 25;
Best Local Similarity 73.7%; Pred. No. 6.8e+02;
Matches 14; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY      873 CACTTCTCTGAGATCCACT 891
      ||| ||| ||| ||| ||| |||
Db      25 CACTCTCTCTGGGACTCGCT 7

RESULT 773
US-10-661-165-230/c
; Sequence 230, Application US/10661165
; GENERAL INFORMATION:
; APPLICANT: Dhallan, Ravinder S.
; TITLE OF INVENTION: METHODS FOR DETECTION OF GENETIC
; FILE REFERENCE: 543312000420
; CURRENT APPLICATION NUMBER: US/10/661,165
; CURRENT FILING DATE: 2003-09-11
; PRIOR APPLICATION NUMBER: PCT/US03/06198
; PRIOR FILING DATE: 2003-02-28
; PRIOR APPLICATION NUMBER: US 60/378,354
; PRIOR FILING DATE: 2002-05-08
; PRIOR APPLICATION NUMBER: US 10/093,618
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/360,232
; PRIOR FILING DATE: 2002-03-01
; PRIOR APPLICATION NUMBER: PCT/US03/27308
; PRIOR FILING DATE: 2003-08-29
; PRIOR APPLICATION NUMBER: US 10/376,770
; PRIOR FILING DATE: 2003-02-28
; NUMBER OF SEQ ID NOS: 628
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 230
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 4

Db      19 AGTGCATCTCAGGAAGTG 1
;
; LENGTH: 25
; TYPE: DNA
; ORGANISM: probe
US-60-545-213-179325

Query Match      3.8%; Score 11; DB 1; Length 25;
Best Local Similarity 73.7%; Pred. No. 6.8e+02;
Matches 14; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY      873 CACTTCTCTGAGATCCACT 891
      ||| ||| ||| ||| ||| |||
Db      23 CACTCTCTCTGGGACTCGCT 5

RESULT 769
US-60-545-213-215878/c
; Sequence 215878, Application US/60545213
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Mounts, William Martin
; TITLE OF INVENTION: Nucleic Acid Arrays for Monitoring Expression Profiles of Drug
; FILE REFERENCE: AM101083 (031896-042099)
; CURRENT APPLICATION NUMBER: US/60/545,213
; CURRENT FILING DATE: 2004-02-18
; NUMBER OF SEQ ID NOS: 303284
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 215878
; LENGTH: 25
; TYPE: DNA
; ORGANISM: probe
US-60-545-213-215878

Query Match      3.8%; Score 11; DB 1; Length 25;
Best Local Similarity 73.7%; Pred. No. 6.8e+02;
Matches 14; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY      706 AGCGAGTCCCGAGGAGTG 724
      ||| ||| ||| ||| ||| |||
Db      22 AGTGCATCTCAGGAAGTG 4

RESULT 770
US-60-545-213-256808/c
; Sequence 256808, Application US/60545213
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Mounts, William Martin
; TITLE OF INVENTION: Nucleic Acid Arrays for Monitoring Expression Profiles of Drug
; FILE REFERENCE: AM101083 (031896-042099)
; CURRENT APPLICATION NUMBER: US/60/545,213
; CURRENT FILING DATE: 2004-02-18
; NUMBER OF SEQ ID NOS: 303284
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 256808
; LENGTH: 25
; TYPE: DNA
; ORGANISM: probe
US-60-545-213-256808

Query Match      3.8%; Score 11; DB 1; Length 25;
Best Local Similarity 73.7%; Pred. No. 6.8e+02;
Matches 14; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY      706 AGCGAGTCCCGAGGAGTG 724
      ||| ||| ||| ||| ||| |||
Db      23 AGTGCATCTCAGGAAGTG 5

RESULT 771
US-60-545-213-179325/c
; Sequence 179325, Application US/60545213
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Mounts, William Martin
; TITLE OF INVENTION: Nucleic Acid Arrays for Monitoring Expression Profiles of Drug
; FILE REFERENCE: AM101083 (031896-042099)
; CURRENT APPLICATION NUMBER: US/60/545,213
; CURRENT FILING DATE: 2004-02-18
; NUMBER OF SEQ ID NOS: 303284
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 179325
```

; OTHER INFORMATION: This nucleotide may be absent
US-10-661-165-230

Query Match 3.7%; Score 10.8; DB 1; Length 14;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 825 CTGTGCTCTTTC 838
Db 14 CTCTCTCTTTC 1

RESULT 774
US-10-708-951-21811/c
; Sequence 21811, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; TITLE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 21811
; LENGTH: 14
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-21811

Query Match 3.7%; Score 10.8; DB 1; Length 14;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 883 AGATGCACCTACT 896
Db 14 ATATGCACACT 1

RESULT 775
US-10-708-951-23502
; Sequence 23502, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; TITLE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 23502
; LENGTH: 14
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-23502

Query Match 3.7%; Score 10.8; DB 1; Length 14;
Best Local Similarity 71.4%; Pred. No. 3.7e+02;
Matches 10; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 747 GGGTCCCGGTCC 760
Db 1 GGGUCUCAGUGUCC 14

RESULT 776
US-10-708-951-28320
; Sequence 28320, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; TITLE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF

; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 28320
; LENGTH: 14
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-28320

Query Match 3.7%; Score 10.8; DB 1; Length 14;
Best Local Similarity 71.4%; Pred. No. 3.7e+02;
Matches 10; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 747 GGGTCCCGGTCC 760
Db 1 GGGUCUCAGUGUCC 14

RESULT 777
US-10-708-951-32177
; Sequence 32177, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; TITLE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 32177
; LENGTH: 14
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-32177

Query Match 3.7%; Score 10.8; DB 1; Length 14;
Best Local Similarity 71.4%; Pred. No. 3.7e+02;
Matches 10; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 747 GGGTCCCGGTCC 760
Db 1 GGGUCUCAGUGUCC 14

RESULT 778
US-10-708-951-36139
; Sequence 36139, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; TITLE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 36139
; LENGTH: 14
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-36139

Query Match 3.7%; Score 10.8; DB 1; Length 14;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 707 GCGAGTCCCGAG 720
Db 1 GCGAGCCCGAGCG 14

; NUMBER OF SEQ ID NOS: 59824
 ; SOFTWARE: PatentIn version 3.2
 ; SEQ ID NO 44603
 ; LENGTH: 14
 ; TYPE: RNA
 ; ORGANISM: Homo sapiens
 ; US-10-708-951-44603

Query Match 3.7%; Score 10.8; DB 1; Length 14;
 Best Local Similarity 85.7%; Pred. No. 3.7e+02;
 Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 707 GCGAGTCCCGAGGAG 720
 DB 1 GCGAGCCCGAGGCG 14

RESULT 785
 US-10-708-951-45175
 ; Sequence 45175, Application US/10708951
 ; GENERAL INFORMATION:
 ; APPLICANT: ROSETTA GENOMICS LTD
 ; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
 ; FILE REFERENCE: 55034
 ; CURRENT APPLICATION NUMBER: US/10/708,951
 ; CURRENT FILING DATE: 2004-04-02
 ; NUMBER OF SEQ ID NOS: 59824
 ; SOFTWARE: PatentIn version 3.2
 ; SEQ ID NO 45175
 ; LENGTH: 14
 ; TYPE: RNA
 ; ORGANISM: Homo sapiens
 ; US-10-708-951-45175

Query Match 3.7%; Score 10.8; DB 1; Length 14;
 Best Local Similarity 71.4%; Pred. No. 3.7e+02;
 Matches 10; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 747 GGGTCCCGAGGTC 760
 DB 1 GGGUCUCAGUGUCC 14

RESULT 786
 US-10-708-951-51921/c
 ; Sequence 51921, Application US/10708951
 ; GENERAL INFORMATION:
 ; APPLICANT: ROSETTA GENOMICS LTD
 ; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
 ; FILE REFERENCE: 55034
 ; CURRENT APPLICATION NUMBER: US/10/708,951
 ; CURRENT FILING DATE: 2004-04-02
 ; NUMBER OF SEQ ID NOS: 59824
 ; SOFTWARE: PatentIn version 3.2
 ; SEQ ID NO 51921
 ; LENGTH: 14
 ; TYPE: RNA
 ; ORGANISM: Homo sapiens
 ; US-10-708-951-51921

Query Match 3.7%; Score 10.8; DB 1; Length 14;
 Best Local Similarity 85.7%; Pred. No. 3.7e+02;
 Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 962 AATGACTCTCTAA 975
 DB 14 AATAGACTCTCTTA 1

RESULT 787
 US-09-954-292-12/c

; Sequence 12, Application US/09954292
 ; GENERAL INFORMATION:
 ; APPLICANT: Drysdale, Connie M
 ; APPLICANT: Judson, Richard S
 ; APPLICANT: Liggett, Stephen B
 ; APPLICANT: Nandabalan, Krishnan
 ; APPLICANT: Stack, Catherine B
 ; APPLICANT: Stephens, J. Claiborne
 ; TITLE OF INVENTION: Association of beta2-adrenergic receptor haplotypes
 ; FILE REFERENCE: MMH-0303US1
 ; CURRENT APPLICATION NUMBER: US/09/954,292
 ; CURRENT FILING DATE: 2001-09-12
 ; PRIOR APPLICATION NUMBER: US/09/811,286
 ; PRIOR FILING DATE: 2001-03-16
 ; NUMBER OF SEQ ID NOS: 18
 ; SOFTWARE: PatentIn Ver. 2.1
 ; SEQ ID NO 12
 ; LENGTH: 15
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 ; US-09-954-292-12

Query Match 3.7%; Score 10.8; DB 1; Length 15;
 Best Local Similarity 85.7%; Pred. No. 4.1e+02;
 Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 928 CCACCTCCAGAGA 941
 DB 15 CCGCCCTCCAGGA 2

RESULT 788
 US-09-954-292-13/c
 ; Sequence 13, Application US/09954292
 ; GENERAL INFORMATION:
 ; APPLICANT: Drysdale, Connie M
 ; APPLICANT: Judson, Richard S
 ; APPLICANT: Liggett, Stephen B
 ; APPLICANT: Nandabalan, Krishnan
 ; APPLICANT: Stack, Catherine B
 ; APPLICANT: Stephens, J. Claiborne
 ; TITLE OF INVENTION: Association of beta2-adrenergic receptor haplotypes
 ; FILE REFERENCE: MMH-0303US1
 ; CURRENT APPLICATION NUMBER: US/09/954,292
 ; CURRENT FILING DATE: 2001-09-12
 ; PRIOR APPLICATION NUMBER: US/09/811,286
 ; PRIOR FILING DATE: 2001-03-16
 ; NUMBER OF SEQ ID NOS: 18
 ; SOFTWARE: PatentIn Ver. 2.1
 ; SEQ ID NO 13
 ; LENGTH: 15
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 ; US-09-954-292-13

Query Match 3.7%; Score 10.8; DB 1; Length 15;
 Best Local Similarity 85.7%; Pred. No. 4.1e+02;
 Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 763 AGGCCTCCACTTCT 776
 DB 14 AGGCCACCACTGCT 1

RESULT 789
 US-10-398-445-54/c
 ; Sequence 54, Application US/10398445
 ; GENERAL INFORMATION:
 ; APPLICANT: PETERSON, RAYMOND J.
 ; TITLE OF INVENTION: COMPUTER SYSTEM FOR DESIGNING OLIGONUCLEOTIDES USED IN
 ; BIOCHEMICAL METHODS

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; FILE REFERENCE: 35804-188435
; CURRENT APPLICATION NUMBER: US/10/398,445
; CURRENT FILING DATE: 2004-01-23
; PRIOR APPLICATION NUMBER: PCT/US01/31037
; PRIOR FILING DATE: 2001-10-04
; PRIOR APPLICATION NUMBER: 60/237,383
; PRIOR FILING DATE: 2000-10-04
; NUMBER OF SEQ ID NOS: 63
; SOFTWARE: Patent in ver. 3.2
; SEQ ID NO 54
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-398-445-54

Query Match          3.7%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 4.1e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      746 AGGTCCTCCAGGTC 759
Db      14 AGGTCCTCCAGGTC 1

RESULT 790
US-10-796-280-68060/c
; Sequence 68060, Application US/10796280
; GENERAL INFORMATION:
; APPLICANT: CARGILLE, Michele et al.
; TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
; FILE REFERENCE: CL001510
; CURRENT APPLICATION NUMBER: US/10/796,280
; CURRENT FILING DATE: 2004-03-10
; NUMBER OF SEQ ID NOS: 68533
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 68060
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-796-280-68060

Query Match          3.7%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 4.1e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      769 CCACTTCTGAGGC 782
Db      14 CCACTTCTGAGGC 1

RESULT 791
US-10-798-951-19384/c
; Sequence 19384, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: Patent in version 3.2
; SEQ ID NO 19384
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-19384

Query Match          3.7%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 4.1e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      746 AGGTCCTCCAGGTC 759
Db      14 AGGTCCTCCAGGTC 1

RESULT 792
US-10-708-951-20306
; Sequence 20306, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: Patent in version 3.2
; SEQ ID NO 20306
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-20306

Query Match          3.7%; Score 10.8; DB 1; Length 15;
Best Local Similarity 64.3%; Pred. No. 4.1e+02;
Matches 9; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY      750 TCCAGGTCCTCCTA 763
Db      2 UCCCAACGUGCCUA 15

RESULT 793
US-10-708-951-23489
; Sequence 23489, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: Patent in version 3.2
; SEQ ID NO 23489
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-23489

Query Match          3.7%; Score 10.8; DB 1; Length 15;
Best Local Similarity 71.4%; Pred. No. 4.1e+02;
Matches 10; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY      747 GGTCCCGAGGTCC 760
Db      1 GGGUCUCAGUGUCC 14

RESULT 794
US-10-708-951-25981
; Sequence 25981, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: Patent in version 3.2
; SEQ ID NO 25981
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-25981

Query Match          3.7%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 4.1e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      746 AGGTCCTCCAGGTC 759
Db      14 AGGTCCTCCAGGTC 1
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; SEQ ID NO 25981
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-25981

Query Match      3.7%; Score 10.8; DB 1; Length 15;
Best Local Similarity 71.4%; Pred. No. 4.1e+02;
Matches 10; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 736 AGGACTTGTTAGG 749
Db 2 AGGACUUGGCGGG 15

RESULT 795
US-10-708-951-26417/c
; Sequence 26417, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; TITLE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 26417
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-26417

Query Match      3.7%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 4.1e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 922 TCACCACCCCTC 935
Db 15 TCACCACCGGCC 2

RESULT 796
US-10-708-951-28736
; Sequence 28736, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; TITLE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 28736
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-28736

Query Match      3.7%; Score 10.8; DB 1; Length 15;
Best Local Similarity 71.4%; Pred. No. 4.1e+02;
Matches 10; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 747 GGGTCCCGGTCC 760
Db 1 GGGUCUCAGUGCC 14

RESULT 797
US-10-708-951-29985
; Sequence 29985, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; TITLE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 29985
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-29985

Query Match      3.7%; Score 10.8; DB 1; Length 15;
Best Local Similarity 71.4%; Pred. No. 4.1e+02;
Matches 10; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 747 GGGTCCCGGTCC 760
Db 1 GGGUCUCAGUGCC 14

RESULT 798
US-10-708-951-31053
; Sequence 31053, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; TITLE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 31053
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-31053

Query Match      3.7%; Score 10.8; DB 1; Length 15;
Best Local Similarity 71.4%; Pred. No. 4.1e+02;
Matches 10; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 747 GGGTCCCGGTCC 760
Db 1 GGGUCUCAGUGCC 14

RESULT 799
US-10-708-951-32355
; Sequence 32355, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; TITLE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 32355
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-32355

Query Match      3.7%; Score 10.8; DB 1; Length 15;
Best Local Similarity 71.4%; Pred. No. 4.1e+02;
Matches 10; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 747 GGGTCCCGGTCC 760
Db 1 GGGUCUCAGUGCC 14
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Db      1 GGGUCACGAGUCC 14
|||||
RESULT 800
US-10-708-951-36140
; Sequence 36140, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 36140
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-36140
Query Match      3.7%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 4.1e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      707 GCGAGTCCAGGAG 720
|||||
Db      1 GCGAGCCCCAGCG 14
|||||
RESULT 801
US-10-708-951-39465
; Sequence 39465, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 39465
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-39465
Query Match      3.7%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 4.1e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      885 ATGCACCTACTTCT 898
|||||
Db      2 AAGCACGACUUCU 15
|||||
RESULT 802
US-10-708-951-39887
; Sequence 39887, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 39887
; LENGTH: 15
; TYPE: RNA
US-10-708-951-39887
Query Match      3.7%; Score 10.8; DB 1; Length 15;
Best Local Similarity 57.1%; Pred. No. 4.1e+02;
Matches 8; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

Qy      885 ATGCACCTACTTCT 898
|||||
Db      2 AAGCACGACUUCU 15
|||||
RESULT 803
US-10-708-951-43293/c
; Sequence 43293, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 43293
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-43293
Query Match      3.7%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 4.1e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      922 TCACCACCACCCCTC 935
|||||
Db      15 TCACCACCACCCCTC 2
|||||
RESULT 804
US-10-708-951-43489
; Sequence 43489, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 43489
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-43489
Query Match      3.7%; Score 10.8; DB 1; Length 15;
Best Local Similarity 64.3%; Pred. No. 4.1e+02;
Matches 9; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

Qy      750 TCCAGGCTCCCTA 763
|||||
Db      2 UCCACGACUCCUA 15
|||||
RESULT 805
US-10-708-951-44183
; Sequence 44183, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
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; ORGANISM: Homo sapiens
US-10-708-951-39887
Query Match      3.7%; Score 10.8; DB 1; Length 15;
Best Local Similarity 57.1%; Pred. No. 4.1e+02;
Matches 8; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

Qy      885 ATGCACCTACTTCT 898
|||||
Db      2 AAGCACGACUUCU 15
|||||
RESULT 803
US-10-708-951-43293/c
; Sequence 43293, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 43293
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-43293
Query Match      3.7%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 4.1e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      922 TCACCACCACCCCTC 935
|||||
Db      15 TCACCACCACCCCTC 2
|||||
RESULT 804
US-10-708-951-43489
; Sequence 43489, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 43489
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-43489
Query Match      3.7%; Score 10.8; DB 1; Length 15;
Best Local Similarity 64.3%; Pred. No. 4.1e+02;
Matches 9; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

Qy      750 TCCAGGCTCCCTA 763
|||||
Db      2 UCCACGACUCCUA 15
|||||
RESULT 805
US-10-708-951-44183
; Sequence 44183, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
```

; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 44183
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-44183

Query Match 3.7%; Score 10.8; DB 1; Length 15;
Best Local Similarity 71.4%; Pred. No. 4.1e+02;
Matches 10; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 736 AGGACTTGCTAGG 749
|||||:|||||
Db 2 AGGACUUGGCGGG 15

RESULT 806
US-10-708-951-50574/c

; Sequence 50574, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 50574
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-50574

Query Match 3.7%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 4.1e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 826 TGTCTCTCTTTCT 839
|||||:|||||
Db 15 TGTCTCTCTTTCT 2

RESULT 807
US-10-708-951-50953

; Sequence 50953, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 50953
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-50953

Query Match 3.7%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 4.1e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 707 GCGAGTCCAGGAG 720
|||||:|||||
Db 1 GCGAGTCCAGGAG 14

RESULT 808
US-10-708-951-51522
; Sequence 51522, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 51522
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-51522

Query Match 3.7%; Score 10.8; DB 1; Length 15;
Best Local Similarity 71.4%; Pred. No. 4.1e+02;
Matches 10; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 747 GGGTCCGAGGTCC 760
|||||:|||||
Db 1 GGGUCUCAGUGUCC 14

RESULT 809
US-10-834-967-962/c

; Sequence 962, Application US/10834967
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.;
; TITLE OF INVENTION: Connection Sequences for the Archaeoglobus fulgidus DSM 4304,
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/834,967
; CURRENT FILING DATE: 2004-04-30
; NUMBER OF SEQ ID NOS: 5566
; SOFTWARE: Proprietary
; SEQ ID NO 962
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Archaeoglobus fulgidus DSM 4304, complete genome.
; FEATURE:
; LOCATION: (357757)... (357771)
; OTHER INFORMATION: Chromosome = 1 Contig = 1 Strand = neg CtronObjNum = 962
US-10-834-967-962

Query Match 3.7%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 4.1e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 832 TCTTTCTCTCTG 845
|||||:|||||
Db 14 TCTTATCTCTCTG 1

RESULT 810
US-10-834-967-963/c

; Sequence 963, Application US/10834967
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.;
; TITLE OF INVENTION: Connection Sequences for the Archaeoglobus fulgidus DSM 4304,
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/834,967
; CURRENT FILING DATE: 2004-04-30
; NUMBER OF SEQ ID NOS: 5566
; SOFTWARE: Proprietary
; SEQ ID NO 963
; LENGTH: 15
; TYPE: DNA

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; ORGANISM: Archaeoglobus fulgidus DSM 4304, complete genome.
; FEATURE:
; LOCATION: (35757)....(357771)
; OTHER INFORMATION: Chromosome = 1 Contig = 1 Strand = neg CtronObjNum = 963
US-10-834-967-963

Query Match      3.7%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 4.1e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 832 TCTTTCTCTCTG 845
DB 14 TCTTATCTCTCTG 1

RESULT 811
US-10-834-967-2514/c
; Sequence 2514, Application US/10834967
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.;
; TITLE OF INVENTION: Connection Sequences for the Archaeoglobus fulgidus DSM 4304,
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/834,967
; CURRENT FILING DATE: 2004-04-30
; SOFTWARE: Proprietary
; SEQ ID NO 2514
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Archaeoglobus fulgidus DSM 4304, complete genome.
; FEATURE:
; LOCATION: (981678)....(981692)
; OTHER INFORMATION: Chromosome = 1 Contig = 1 Strand = neg CtronObjNum = 2514
US-10-834-967-2514

Query Match      3.7%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 4.1e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 926 CACCACCTCCAGA 939
DB 14 CAACACCTCCAGA 1

RESULT 812
US-10-834-967-3123
; Sequence 3123, Application US/10834967
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.;
; TITLE OF INVENTION: Connection Sequences for the Archaeoglobus fulgidus DSM 4304,
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/834,967
; CURRENT FILING DATE: 2004-04-30
; SOFTWARE: Proprietary
; SEQ ID NO 3123
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Archaeoglobus fulgidus DSM 4304, complete genome.
; FEATURE:
; LOCATION: (1215442)....(1215456)
; OTHER INFORMATION: Chromosome = 1 Contig = 1 Strand = neg CtronObjNum = 3123
US-10-834-967-3123

Query Match      3.7%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 4.1e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 803 CTCTCTCCAACTC 816
DB 1 CTCTCTCAATCTC 14

RESULT 813
US-10-834-967-3126/c
; Sequence 3126, Application US/10834967
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.;
; TITLE OF INVENTION: Connection Sequences for the Archaeoglobus fulgidus DSM 4304,
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/834,967
; CURRENT FILING DATE: 2004-04-30
; SOFTWARE: Proprietary
; SEQ ID NO 3126
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Archaeoglobus fulgidus DSM 4304, complete genome.
; FEATURE:
; LOCATION: (1215442)....(1215456)
; OTHER INFORMATION: Chromosome = 1 Contig = 1 Strand = pos CtronObjNum = 3126
US-10-834-967-3126

Query Match      3.7%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 4.1e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 803 CTCTCTCCAACTC 816
DB 15 CTCTCTCAATCTC 2

RESULT 814
US-10-834-967-5123/c
; Sequence 5123, Application US/10834967
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.;
; TITLE OF INVENTION: Connection Sequences for the Archaeoglobus fulgidus DSM 4304,
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/834,967
; CURRENT FILING DATE: 2004-04-30
; SOFTWARE: Proprietary
; SEQ ID NO 5123
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Archaeoglobus fulgidus DSM 4304, complete genome.
; FEATURE:
; LOCATION: (1998325)....(1998339)
; OTHER INFORMATION: Chromosome = 1 Contig = 1 Strand = pos CtronObjNum = 5123
US-10-834-967-5123

Query Match      3.7%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 4.1e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 803 CTCTCTCCAACTC 816
DB 15 CTCTCTCCAGCTC 2

RESULT 815
US-10-364-412A-571/c
; Sequence 571, Application US/10364412A
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Saccharomyces cerevisiae complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/364,412A
; CURRENT FILING DATE: 2003-02-12
; NUMBER OF SEQ ID NOS: 9208
; SOFTWARE: Proprietary

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; SEQ ID NO 571
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Saccharomyces cerevisiae complete genome.
; FEATURE:
; LOCATION: (152371)...(152385)
; OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectronObjectNumber = 216
US-10-364-412A-571

Query Match      3.7%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 4.1e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 944 TTACGCAAGA 957
Db 15 TTTACCAAGA 2

RESULT 816
US-10-364-412A-584/c
; Sequence 584, Application US/10364412A
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Saccharomyces cerevisiae complete genome.
; FILE REFERENCE: Jim Zeeger Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/364,412A
; CURRENT FILING DATE: 2003-02-12
; NUMBER OF SEQ ID NOS: 9208
; SOFTWARE: Proprietary
; SEQ ID NO 584
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Saccharomyces cerevisiae complete genome.
; FEATURE:
; LOCATION: (707662)...(707676)
; OTHER INFORMATION: Chromosome = 14 Strand = positive ConnectronObjectNumber = 12749
US-10-364-412A-584

Query Match      3.7%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 4.1e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 944 TTACGCAAGA 957
Db 15 TTTACCAAGA 2

RESULT 817
US-10-364-412A-2690/c
; Sequence 2690, Application US/10364412A
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Saccharomyces cerevisiae complete genome.
; FILE REFERENCE: Jim Zeeger Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/364,412A
; CURRENT FILING DATE: 2003-02-12
; NUMBER OF SEQ ID NOS: 9208
; SOFTWARE: Proprietary
; SEQ ID NO 2690
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Saccharomyces cerevisiae complete genome.
; FEATURE:
; LOCATION: (658083)...(658097)
; OTHER INFORMATION: Chromosome = 4 Strand = negative ConnectronObjectNumber = 2806
US-10-364-412A-2690

Query Match      3.7%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 4.1e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 867 TTGACACTTCC 880
||| ||||| |||||
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Db 14 TTGACACTTCC 1
||| ||||| |||||

RESULT 818
US-10-364-412A-2693/c
; Sequence 2693, Application US/10364412A
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Saccharomyces cerevisiae complete genome.
; FILE REFERENCE: Jim Zeeger Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/364,412A
; CURRENT FILING DATE: 2003-02-12
; NUMBER OF SEQ ID NOS: 9208
; SOFTWARE: Proprietary
; SEQ ID NO 2693
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Saccharomyces cerevisiae complete genome.
; FEATURE:
; LOCATION: (659499)...(659513)
; OTHER INFORMATION: Chromosome = 4 Strand = negative ConnectronObjectNumber = 2810
US-10-364-412A-2693

Query Match      3.7%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 4.1e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 867 TTGACACTTCC 880
||| ||||| |||||

Db 14 TTGACACTTCC 1
||| ||||| |||||

RESULT 819
US-10-364-412A-5000
; Sequence 5000, Application US/10364412A
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Saccharomyces cerevisiae complete genome.
; FILE REFERENCE: Jim Zeeger Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/364,412A
; CURRENT FILING DATE: 2003-02-12
; NUMBER OF SEQ ID NOS: 9208
; SOFTWARE: Proprietary
; SEQ ID NO 5000
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Saccharomyces cerevisiae complete genome.
; FEATURE:
; LOCATION: (14691)...(14705)
; OTHER INFORMATION: Chromosome = 6 Strand = positive ConnectronObjectNumber = 5091
US-10-364-412A-5000

Query Match      3.7%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 4.1e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 834 TTTCTCTCTGAA 847
||| ||||| |||||

Db 1 TTTTACTCTGAA 14
||| ||||| |||||

RESULT 820
US-10-364-412A-5062
; Sequence 5062, Application US/10364412A
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Saccharomyces cerevisiae complete genome.
; FILE REFERENCE: Jim Zeeger Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/364,412A
; CURRENT FILING DATE: 2003-02-12
; NUMBER OF SEQ ID NOS: 9208
; SOFTWARE: Proprietary
; SEQ ID NO 5062
```

```
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Saccharomyces cerevisiae complete genome.
; FEATURE:
; LOCATION: (868128)...(868141)
; OTHER INFORMATION: Chromosome = 7 Strand = negative ConnectronObjectNumber = 6610
US-10-364-412A-5062

Query Match      3.7%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 4.1e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      834 TTTTCTCTCTGAA 847
Db      1 TTTTCTCTGAA 14

RESULT 821
US-10-364-412A-5758/c
; Sequence 5758, Application US/10364412A
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Saccharomyces cerevisiae complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/364,412A
; CURRENT FILING DATE: 2003-02-12
; NUMBER OF SEQ ID NOS: 9208
; SOFTWARE: Proprietary
; SEQ ID NO 5758
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Saccharomyces cerevisiae complete genome.
; FEATURE:
; LOCATION: (298380)...(298395)
; OTHER INFORMATION: Chromosome = 7 Strand = positive ConnectronObjectNumber = 5673
US-10-364-412A-5758

Query Match      3.7%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 4.1e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      944 TTTACGCAAGAGA 957
Db      14 TTTACTAAAGAGA 1

RESULT 822
US-10-364-412A-5968/c
; Sequence 5868, Application US/10364412A
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Saccharomyces cerevisiae complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/364,412A
; CURRENT FILING DATE: 2003-02-12
; NUMBER OF SEQ ID NOS: 9208
; SOFTWARE: Proprietary
; SEQ ID NO 5868
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Saccharomyces cerevisiae complete genome.
; FEATURE:
; LOCATION: (948665)...(948678)
; OTHER INFORMATION: Chromosome = 12 Strand = negative ConnectronObjectNumber = 10672
US-10-364-412A-5968

Query Match      3.7%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 4.1e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      944 TTTACGCAAGAGA 957
Db      14 TTTACTAAAGAGA 1
```

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RESULT 823
US-10-364-412A-6255/c
; Sequence 6255, Application US/10364412A
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Saccharomyces cerevisiae complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/364,412A
; CURRENT FILING DATE: 2003-02-12
; NUMBER OF SEQ ID NOS: 9208
; SOFTWARE: Proprietary
; SEQ ID NO 6255
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Saccharomyces cerevisiae complete genome.
; FEATURE:
; LOCATION: (230950)...(230965)
; OTHER INFORMATION: Chromosome = 8 Strand = negative ConnectronObjectNumber = 7149
US-10-364-412A-6255

Query Match      3.7%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 4.1e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      842 TCTGAAGACAGCGT 855
Db      15 TCTAAAGACAGCTT 2

RESULT 824
US-10-364-412A-6297/c
; Sequence 6297, Application US/10364412A
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Saccharomyces cerevisiae complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/364,412A
; CURRENT FILING DATE: 2003-02-12
; NUMBER OF SEQ ID NOS: 9208
; SOFTWARE: Proprietary
; SEQ ID NO 6297
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Saccharomyces cerevisiae complete genome.
; FEATURE:
; LOCATION: (312404)...(312418)
; OTHER INFORMATION: Chromosome = 8 Strand = negative ConnectronObjectNumber = 7258
US-10-364-412A-6297

Query Match      3.7%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 4.1e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      842 TCTGAAGACAGCGT 855
Db      15 TCTAAAGACAGCTT 2

RESULT 825
US-10-364-412A-6615/c
; Sequence 6615, Application US/10364412A
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Saccharomyces cerevisiae complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/364,412A
; CURRENT FILING DATE: 2003-02-12
; NUMBER OF SEQ ID NOS: 9208
; SOFTWARE: Proprietary
; SEQ ID NO 6615
; LENGTH: 15
```

```
; TYPE: DNA
; ORGANISM: Saccharomyces cerevisiae complete genome.
; FEATURE:
; LOCATION: (290409)...(290423)
; OTHER INFORMATION: Chromosome = 8 Strand = negative ConnectronObjectNumber = 7217
US-10-364-412A-6615

Query Match      3.7%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 4.1e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 832 TCCTTTCTCTCTG 845
Db 14 TCCTTTCTCTACTG 1

RESULT 826
US-10-364-412A-6640/c
; Sequence 6640, Application US/10364412A
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Saccharomyces cerevisiae complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/364,412A
; CURRENT FILING DATE: 2003-02-12
; NUMBER OF SEQ ID NOS: 9208
; SOFTWARE: Proprietary
; SEQ ID NO 6640
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Saccharomyces cerevisiae complete genome.
; FEATURE:
; LOCATION: (836957)...(836971)
; OTHER INFORMATION: Chromosome = 16 Strand = positive ConnectronObjectNumber = 14780
US-10-364-412A-6640

Query Match      3.7%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 4.1e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 832 TCCTTTCTCTCTG 845
Db 14 TCCTTTCTCTACTG 1

RESULT 827
US-10-364-412A-7578/c
; Sequence 7578, Application US/10364412A
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Saccharomyces cerevisiae complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/364,412A
; CURRENT FILING DATE: 2003-02-12
; NUMBER OF SEQ ID NOS: 9208
; SOFTWARE: Proprietary
; SEQ ID NO 7578
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Saccharomyces cerevisiae complete genome.
; FEATURE:
; LOCATION: (63220)...(63234)
; OTHER INFORMATION: Chromosome = 12 Strand = negative ConnectronObjectNumber = 9535
US-10-364-412A-7578

Query Match      3.7%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 4.1e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 836 TTCTTCTCTGAAGA 849
Db 15 TTTTCTCTGAAGA 2

RESULT 828
US-10-364-412A-7629/c
; Sequence 7629, Application US/10364412A
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Saccharomyces cerevisiae complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/364,412A
; CURRENT FILING DATE: 2003-02-12
; NUMBER OF SEQ ID NOS: 9208
; SOFTWARE: Proprietary
; SEQ ID NO 7629
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Saccharomyces cerevisiae complete genome.
; FEATURE:
; LOCATION: (292672)...(292686)
; OTHER INFORMATION: Chromosome = 12 Strand = negative ConnectronObjectNumber = 9802
US-10-364-412A-7629

Query Match      3.7%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 4.1e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 836 TTCTTCTCTGAAGA 849
Db 15 TTTTCTCTGAAGA 2

RESULT 829
US-10-398-445-42/c
; Sequence 42, Application US/10398445
; GENERAL INFORMATION:
; APPLICANT: PETERSON, RAYMOND J.
; TITLE OF INVENTION: COMPUTER SYSTEM FOR DESIGNING OLIGONUCLEOTIDES USED IN
; FILE REFERENCE: 35804-188435
; CURRENT APPLICATION NUMBER: US/10/398,445
; CURRENT FILING DATE: 2004-01-23
; PRIOR APPLICATION NUMBER: PCT/US01/31037
; PRIOR FILING DATE: 2001-10-04
; PRIOR APPLICATION NUMBER: 60/237,383
; PRIOR FILING DATE: 2000-10-04
; NUMBER OF SEQ ID NOS: 63
; SOFTWARE: Patentin Ver. 3.2
; SEQ ID NO 42
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-398-445-42

Query Match      3.7%; Score 10.8; DB 1; Length 16;
Best Local Similarity 85.7%; Pred. No. 4.5e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 758 TCCTAGGCTTCCA 771
Db 14 TCCCAAGGTCTCCA 1

RESULT 830
US-10-398-445-43/c
; Sequence 43, Application US/10398445
; GENERAL INFORMATION:
; APPLICANT: PETERSON, RAYMOND J.
; TITLE OF INVENTION: COMPUTER SYSTEM FOR DESIGNING OLIGONUCLEOTIDES USED IN
; FILE REFERENCE: 35804-188435
; CURRENT APPLICATION NUMBER: US/10/398,445
; CURRENT FILING DATE: 2004-01-23
```



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US-10-708-951-22614
Query Match      3.7%; Score 10.8; DB 1; Length 16;
Best Local Similarity 85.7%; Pred. No. 4.5e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 922 TCACCACCCCTC 935
DB 16 TCACCACCCGCC 3

RESULT 836
US-10-708-951-25811
; Sequence 25811, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; TITLE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 25811
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-25811
Query Match      3.7%; Score 10.8; DB 1; Length 16;
Best Local Similarity 78.6%; Pred. No. 4.5e+02;
Matches 11; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 775 CTGAGGCGACGCC 788
DB 3 CUAAGCGACGCC 16

RESULT 837
US-10-708-951-26038
; Sequence 26038, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; TITLE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 26038
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-26038
Query Match      3.7%; Score 10.8; DB 1; Length 16;
Best Local Similarity 57.1%; Pred. No. 4.5e+02;
Matches 8; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 868 TGGACACTTCTCT 891
DB 3 UGGAACAGUACCU 16

RESULT 838
US-10-708-951-29359/c
; Sequence 29359, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; TITLE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 55034
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; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 29359
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-29359
Query Match      3.7%; Score 10.8; DB 1; Length 16;
Best Local Similarity 85.7%; Pred. No. 4.5e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 909 GATCAGATTATCAT 922
DB 15 GATCTGATTCTCAT 2

RESULT 839
US-10-708-951-29527
; Sequence 29527, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; TITLE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 29527
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-29527
Query Match      3.7%; Score 10.8; DB 1; Length 16;
Best Local Similarity 57.1%; Pred. No. 4.5e+02;
Matches 8; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 872 ACACCTTCTCTGAGA 885
DB 1 ACAGUUUCUGAGA 14

RESULT 840
US-10-708-951-29763/c
; Sequence 29763, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; TITLE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 29763
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-29763
Query Match      3.7%; Score 10.8; DB 1; Length 16;
Best Local Similarity 85.7%; Pred. No. 4.5e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 913 AGATTATCATCACC 926
DB 16 AGATCATCATCATC 3
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RESULT 841
US-10-708-951-30988
; Sequence 30988, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 30988
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-30988

Query Match          3.7%; Score 10.8; DB 1; Length 16;
Best Local Similarity 71.4%; Pred. No. 4.5e+02;
Matches 10; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY      736 AGGACTTGGTAGGG 749
      |||||:|||||
Db      2 AGGACUUGGCGGG 15

RESULT 842
US-10-708-951-31353/c
; Sequence 31353, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 31353
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-31353

Query Match          3.7%; Score 10.8; DB 1; Length 16;
Best Local Similarity 85.7%; Pred. No. 4.5e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      922 TCACCACACCCCTC 935
      |||||:|||||
Db      16 TCACCACACGCCC 3

RESULT 843
US-10-708-951-35293
; Sequence 35293, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 35293
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-35293

Query Match          3.7%; Score 10.8; DB 1; Length 16;

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Best Local Similarity 57.1%; Pred. No. 4.5e+02;
Matches 8; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY      868 TCGAACACTTTCCT 881
      :|||||:|:|
Db      2 UGGAACAGUACCU 15

RESULT 844
US-10-708-951-36839/c
; Sequence 36839, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 36839
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-36839

Query Match          3.7%; Score 10.8; DB 1; Length 16;
Best Local Similarity 85.7%; Pred. No. 4.5e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      883 AGATGCACCTTACTT 896
      |||||:|||||
Db      16 ATATGCACATACCTT 3

RESULT 845
US-10-708-951-37753/c
; Sequence 37753, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 37753
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-37753

Query Match          3.7%; Score 10.8; DB 1; Length 16;
Best Local Similarity 85.7%; Pred. No. 4.5e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      883 AGATGCACCTTACTT 896
      |||||:|||||
Db      16 ATATGCACATACCTT 3

RESULT 846
US-10-708-951-38409/c
; Sequence 38409, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824

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; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 38409
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-38409

Query Match          3.7%; Score 10.8; DB 1; Length 16;
Best Local Similarity 85.7%; Pred. No. 4.5e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      883 AGATGCACCTTACTT 896
Db      16 ATATGCACATCATC 3

RESULT 847
US-10-708-951-39544
; Sequence 39544, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; FILE REFERENCE: 55034
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 39544
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-39544

Query Match          3.7%; Score 10.8; DB 1; Length 16;
Best Local Similarity 57.1%; Pred. No. 4.5e+02;
Matches 8; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY      872 ACACCTTCCTGAGA 885
Db      1 ACAGUUUCUGAGA 14

RESULT 848
US-10-708-951-39658/c
; Sequence 39658, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; FILE REFERENCE: 55034
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 39658
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-39658

Query Match          3.7%; Score 10.8; DB 1; Length 16;
Best Local Similarity 85.7%; Pred. No. 4.5e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      913 AGATTATCATCACC 926
Db      16 AGATCATCATCATC 3

RESULT 849
US-10-708-951-40198/c
; Sequence 40198, Application US/10708951
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; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; FILE REFERENCE: 55034
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 40198
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-40198

Query Match          3.7%; Score 10.8; DB 1; Length 16;
Best Local Similarity 85.7%; Pred. No. 4.5e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      913 AGATTATCATCACC 926
Db      16 AGATCATCATCATC 3

RESULT 850
US-10-708-951-42898/c
; Sequence 42898, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; FILE REFERENCE: 55034
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 42898
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-42898

Query Match          3.7%; Score 10.8; DB 1; Length 16;
Best Local Similarity 85.7%; Pred. No. 4.5e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      922 TCACCACCACCCCTC 935
Db      16 TCACCACCACCCGCC 3

RESULT 851
US-10-708-951-44184
; Sequence 44184, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; FILE REFERENCE: 55034
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 44184
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-44184

Query Match          3.7%; Score 10.8; DB 1; Length 16;
Best Local Similarity 71.4%; Pred. No. 4.5e+02;
Matches 10; Conservative 2; Mismatches 2; Indels 0; Gaps 0;
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QY 736 AGGACTGTGGTAGG 749
| | | | | | | | | |
| | | | | | | | | |
Db 2 AGGACUUGGGCGG 15

RESULT 852
US-10-708-951-44559
; Sequence 44559, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; FILE REFERENCE: 55034
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 44559
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-44559

Query Match 3.7%; Score 10.8; DB 1; Length 16;
Best Local Similarity 78.6%; Pred. No. 4.5e+02;
Matches 11; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 775 CTGAGGGCGAGCCCC 788
| | | | | | | | | |
| | | | | | | | | |
Db 3 CUAAGUCAGCCCC 16

RESULT 853
US-10-708-951-45388
; Sequence 45388, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; FILE REFERENCE: 55034
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 45388
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-45388

Query Match 3.7%; Score 10.8; DB 1; Length 16;
Best Local Similarity 57.1%; Pred. No. 4.5e+02;
Matches 8; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 868 TGAACACCTTCCT 881
| | | | | | | | | |
| | | | | | | | | |
Db 2 UGGAACAGUACCU 15

RESULT 854
US-10-708-951-45536/c
; Sequence 45536, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; FILE REFERENCE: 55034
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 45536
; LENGTH: 16

; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-45536

Query Match 3.7%; Score 10.8; DB 1; Length 16;
Best Local Similarity 85.7%; Pred. No. 4.5e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 883 AGATGCACCTTACTT 896
| | | | | | | | | |
| | | | | | | | | |
Db 16 ATATGCACATCTT 3

RESULT 855
US-10-708-951-45776/c
; Sequence 45776, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; FILE REFERENCE: 55034
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 45776
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-45776

Query Match 3.7%; Score 10.8; DB 1; Length 16;
Best Local Similarity 85.7%; Pred. No. 4.5e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 909 GATCAGATTATCAT 922
| | | | | | | | | |
| | | | | | | | | |
Db 15 GATCTGATTCAT 2

RESULT 856
US-10-708-951-47177
; Sequence 47177, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; FILE REFERENCE: 55034
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 47177
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-47177

Query Match 3.7%; Score 10.8; DB 1; Length 16;
Best Local Similarity 57.1%; Pred. No. 4.5e+02;
Matches 8; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 872 ACATTTCTCTGAGA 885
| | | | | | | | | |
| | | | | | | | | |
Db 1 ACAGUUUCUGAGA 14

RESULT 857
US-10-708-951-49676
; Sequence 49676, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL

; TITLE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF

; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 49676
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-49676

Query Match 3.7%; Score 10.8; DB 1; Length 16;
Best Local Similarity 57.1%; Pred. No. 4.5e+02;
Matches 8; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 868 TGGACACTTTCCT 881
DB 3 UGGACAGUACCU 16

RESULT 858

US-10-138-674B-2378/c
; Sequence 2378, Application US/10138674B
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBHB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674B
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20829
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2378
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus musculus
US-10-138-674B-2378

Query Match 3.7%; Score 10.8; DB 1; Length 17;
Best Local Similarity 85.7%; Pred. No. 4.8e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 711 GTCCAGGAGTG 724
DB 17 GTCCAGGAAGG 4

RESULT 859

US-10-807-114-150
; Sequence 150, Application US/10807114
; GENERAL INFORMATION:
; APPLICANT: Lyamichev, Victor
; APPLICANT: Allawi, Hatim
; APPLICANT: Dong, Fang
; APPLICANT: Neri, Bruce
; APPLICANT: Vener, Tatiana
; TITLE OF INVENTION: Nucleic Acid Accessible Hybridization Sites
; FILE REFERENCE: FORS-04586
; CURRENT APPLICATION NUMBER: US/10/807,114
; CURRENT FILING DATE: 2004-03-23
; PRIOR APPLICATION NUMBER: US/09/882,945
; PRIOR FILING DATE: 2001-06-15
; NUMBER OF SEQ ID NOS: 334
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 150
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence

; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-807-114-150

Query Match 3.7%; Score 10.8; DB 1; Length 18;
Best Local Similarity 85.7%; Pred. No. 5.2e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 968 CTCTAAATCTGG 981
DB 1 CTCTCAATTGG 14

RESULT 860

US-10-138-674B-2377/c
; Sequence 2377, Application US/10138674B
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBHB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674B
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20829
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2377
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus musculus
US-10-138-674B-2377

Query Match 3.7%; Score 10.6; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 5.3e+02;
Matches 13; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 712 TCCAGGAGTGACTC 728
DB 17 TCCAGGAAGGTTTC 1

RESULT 861

PCT-US03-41761-11468
; Sequence 11468, Application PC/TUS0341761
; GENERAL INFORMATION:
; APPLICANT: MMI GENOMICS, INC.
; APPLICANT: DENISE, Sue K.
; APPLICANT: CHARTERIS, Paul
; APPLICANT: ROSENFELD, David
; APPLICANT: HOLM, Tom
; APPLICANT: BATES, Stephen
; TITLE OF INVENTION: COMPOSITIONS, METHODS, AND SYSTEMS FOR INFERRING BOVINE BREED
; FILE REFERENCE: MM1150W0
; CURRENT APPLICATION NUMBER: PCT/US03/41761
; CURRENT FILING DATE: 2003-12-31
; PRIOR APPLICATION NUMBER: US 60/437,482
; PRIOR FILING DATE: 2002-12-31
; NUMBER OF SEQ ID NOS: 64922
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 11468
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Reverse Primer
PCT-US03-41761-11468

Query Match 3.7%; Score 10.6; DB 1; Length 19;
Best Local Similarity 76.5%; Pred. No. 6e+02;
Matches 13; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 868 TGGACACTTTCCTGAG 884
DB 1 TGGACACTGCTTCAG 17

RESULT 862
PCT-US03-41761-11468
; Sequence 11468, Application PC/TUS0341761
; GENERAL INFORMATION:
; APPLICANT: MMI GENOMICS, INC.
; APPLICANT: DENISE, Sue K.
; APPLICANT: CHARTERIS, Paul
; APPLICANT: ROSENFELD, David
; APPLICANT: HOLM, Tom
; APPLICANT: BATES, Stephen
; TITLE OF INVENTION: COMPOSITIONS, METHODS, AND SYSTEMS FOR INFERRING BOVINE BREED
; FILE REFERENCE: MM1150W0
; CURRENT APPLICATION NUMBER: PCT/US03/41761
; CURRENT FILING DATE: 2003-12-31
; PRIOR APPLICATION NUMBER: US 60/437,482
; PRIOR FILING DATE: 2002-12-31
; NUMBER OF SEQ ID NOS: 64922
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 11468
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Reverse Primer
PCT-US03-41761-11468

Query Match 3.7%; Score 10.6; DB 1; Length 19;
Best Local Similarity 76.5%; Pred. No. 6e+02; 4; Indels 0; Gaps 0;
Matches 13; Conservative 0; Mismatches 0;

QY 868 TGGACACTTTCCTGAG 884
DB 1 TGGACACTGCTTCAG 17

RESULT 863
PCT-US03-41766A-11468
; Sequence 11468, Application PC/TUS0341766A
; GENERAL INFORMATION:
; APPLICANT: MMI GENOMICS, INC.
; APPLICANT: DENISE, Sue K.
; APPLICANT: KERR, Richard
; APPLICANT: ROSENFELD, David
; APPLICANT: HOLM, Tom
; APPLICANT: BATES, Stephen
; APPLICANT: FANTIN, Dennis
; TITLE OF INVENTION: COMPOSITIONS, METHODS AND SYSTEMS FOR INFERRING BOVINE TRAITS
; FILE REFERENCE: MM1100W0
; CURRENT APPLICATION NUMBER: PCT/US03/41766A
; CURRENT FILING DATE: 2003-12-31
; PRIOR APPLICATION NUMBER: US 60/437,482
; PRIOR FILING DATE: 2002-12-31
; NUMBER OF SEQ ID NOS: 64922
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 11468
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Reverse Primer
PCT-US03-41766A-11468

Query Match 3.7%; Score 10.6; DB 1; Length 19;
Best Local Similarity 76.5%; Pred. No. 6e+02; 4; Indels 0; Gaps 0;
Matches 13; Conservative 0; Mismatches 0;

QY 868 TGGACACTTTCCTGAG 884

DB 1 TGGACACTGCTTCAG 17

RESULT 864
US-60-545-213-178549/c
; Sequence 178549, Application US/60545213
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Mounts, William Martin
; TITLE OF INVENTION: Nucleic Acid Arrays for Monitoring Expression Profiles of Drug
; FILE REFERENCE: AM101083 (031896-042099)
; CURRENT APPLICATION NUMBER: US/60/545,213
; CURRENT FILING DATE: 2004-02-18
; NUMBER OF SEQ ID NOS: 303284
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 178549
; LENGTH: 25
; TYPE: DNA
; ORGANISM: probe
US-60-545-213-178549

Query Match 3.7%; Score 10.6; DB 1; Length 25;
Best Local Similarity 64.0%; Pred. No. 7.6e+02;
Matches 16; Conservative 0; Mismatches 9; Indels 0; Gaps 0;

QY 805 CTCCTCCAACTCAGGTTGGCTGTG 829
DB 25 CACAGCCCAACCTGAGTTGGAGGAG 1

RESULT 865
US-10-138-674B-8538
; Sequence 8538, Application US/10138674B
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; FILE REFERENCE: MHR00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674B
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20829
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 8538
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674B-8538

Query Match 3.6%; Score 10.4; DB 1; Length 17;
Best Local Similarity 50.0%; Pred. No. 5.7e+02;
Matches 6; Conservative 5; Mismatches 1; Indels 0; Gaps 0;

QY 837 TCTTCTCTGAAG 848
DB 3 UCUCUCUGUGAAG 14

RESULT 866
PCT-US04-00035-38787/c
; Sequence 38787, Application PC/TUS0400035
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; Cancers

; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: PCT/US04/00035
; CURRENT FILING DATE: 2004-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 38787
; LENGTH: 21
; TYPE: RNA
; ORGANISM: Rnai
PCT-US04-00035-38787

Query Match 3.6%; Score 10.4; DB 1; Length 21;
Best Local Similarity 91.7%; Pred. No. 7.1e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 933 CTCACAGAAATT 944
Db 18 CTCACAGAAAGT 7

RESULT 867
PCT-US04-00035-45442/c
; Sequence 45442, Application PC/TUS0400035
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: PCT/US04/00035
; CURRENT FILING DATE: 2004-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 45442
; LENGTH: 21
; TYPE: DNA
; ORGANISM: homo sapiens
PCT-US04-00035-45442

Query Match 3.6%; Score 10.4; DB 1; Length 21;
Best Local Similarity 70.0%; Pred. No. 7.1e+02;
Matches 14; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

Qy 812 AACTCAGGGTGGCTGTGC 831
Db 20 AATCTCTGTGGCTGTCTC 1

RESULT 868
PCT-US04-00035-45764/c
; Sequence 45764, Application PC/TUS0400035
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: PCT/US04/00035
; CURRENT FILING DATE: 2004-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 45764
; LENGTH: 21

; TYPE: RNA
; ORGANISM: Rnai
PCT-US04-00035-45764

Query Match 3.6%; Score 10.4; DB 1; Length 21;
Best Local Similarity 70.0%; Pred. No. 7.1e+02;
Matches 14; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

Qy 812 AACTCAGGGTGGCTGTGC 831
Db 20 AATCTCTGTGGCTGTCTC 1

RESULT 869
US-60-545-213-177409/c
; Sequence 177409, Application US/60545213
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Mounts, William Martin
; TITLE OF INVENTION: Nucleic Acid Arrays for Monitoring Expression Profiles of Drug
; FILE REFERENCE: AM101083 (031896-042099)
; CURRENT APPLICATION NUMBER: US/60/545,213
; CURRENT FILING DATE: 2004-02-18
; NUMBER OF SEQ ID NOS: 303284
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 177409
; LENGTH: 25
; TYPE: DNA
; ORGANISM: probe
US-60-545-213-177409

Query Match 3.6%; Score 10.4; DB 1; Length 25;
Best Local Similarity 70.0%; Pred. No. 8e+02;
Matches 14; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

Qy 810 CCAACTCAGGGTGGCTGTG 829
Db 22 CCACCTGTGAGTGGAGGAG 3

RESULT 870
US-10-708-951-22290/c
; Sequence 22290, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 22290
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-22290

Query Match 3.5%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 5.3e+02;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 819 GGTTGGCTGTGTCTC 833
Db 15 GGGTGGCTGTGTCTC 1

RESULT 871
US-10-708-951-25993/c
; Sequence 25993, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD

; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; TITLE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF

RESULT 874
US-10-708-951-22868/c
; Sequence 22868, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; TITLE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 55034
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 25993
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-25993

Query Match 3.5%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 5.3e+02;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 819 GGTGGCTGTCTC 833
Db 15 GGTGGCTGTCTC 1

RESULT 872
US-10-708-951-30971/c
; Sequence 30971, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; TITLE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 30971
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-30971

Query Match 3.5%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 5.3e+02;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 819 GGTGGCTGTCTC 833
Db 15 GGTGGCTGTCTC 1

RESULT 873
US-10-708-951-44116/c
; Sequence 44116, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; TITLE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 44116
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-44116

Query Match 3.5%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 5.3e+02;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 819 GGTGGCTGTCTC 833
Db 15 GGTGGCTGTCTC 1

Db 15 GGTGGCTGTCTC 1

RESULT 874
US-10-708-951-22868/c
; Sequence 22868, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; TITLE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 55034
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 22868
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-22868

Query Match 3.5%; Score 10.2; DB 1; Length 16;
Best Local Similarity 80.0%; Pred. No. 5.8e+02;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 819 GGTGGCTGTCTC 833
Db 16 GGTGGCTGTCTC 2

RESULT 875
US-10-708-951-26119/c
; Sequence 26119, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; TITLE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 26119
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-26119

Query Match 3.5%; Score 10.2; DB 1; Length 16;
Best Local Similarity 80.0%; Pred. No. 5.8e+02;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 819 GGTGGCTGTCTC 833
Db 16 GGTGGCTGTCTC 2

RESULT 876
US-10-708-951-31207/c
; Sequence 31207, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; TITLE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 31207
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-31207

Qy 819 GGTGGCTGTCTC 833
Db 16 GGTGGCTGTCTC 2

US-10-708-951-31207

Query Match 3.5%; Score 10.2; DB 1; Length 16;
Best Local Similarity 80.0%; Pred. No. 5.8e+02;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 819 GGTGGCTGTGCTC 833
DB 16 GGGTGGTGGTGTCTC 2

RESULT 877

US-10-708-951-51279/c
; Sequence 51279, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; TITLE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 51279
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-51279

Query Match 3.5%; Score 10.2; DB 1; Length 16;
Best Local Similarity 80.0%; Pred. No. 5.8e+02;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 819 GGTGGCTGTGCTC 833
DB 16 GGGTGGTGGTGTCTC 2

RESULT 878

US-10-708-951-26118/c
; Sequence 26118, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; TITLE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 26118
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-26118

Query Match 3.5%; Score 10.2; DB 1; Length 17;
Best Local Similarity 80.0%; Pred. No. 6.2e+02;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 819 GGTGGCTGTGCTC 833
DB 16 GGGTGGTGGTGTCTC 2

RESULT 879

US-10-708-951-51280/c
; Sequence 51280, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; TITLE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 55034

; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 51280
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-51280

Query Match 3.5%; Score 10.2; DB 1; Length 17;
Best Local Similarity 80.0%; Pred. No. 6.2e+02;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 819 GGTGGCTGTGCTC 833
DB 16 GGGTGGTGGTGTCTC 2

RESULT 880

PCT-US04-00035-21318/c
; Sequence 21318, Application PC/TUS0400035
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; TITLE OF INVENTION: CANCERS
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: PCT/US04/00035
; CURRENT FILING DATE: 2004-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 21318
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi
PCT-US04-00035-21318

Query Match 3.5%; Score 10.2; DB 1; Length 21;
Best Local Similarity 80.0%; Pred. No. 7.6e+02;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 957 AGCCAAATGACTCT 971
DB 21 AGTCAAGTGTCTCT 7

Search completed: July 12, 2004, 11:19:29
Job time : 4 secs

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OM nucleic - nucleic search, using sw model

Run on: July 12, 2004, 11:20:58 ; Search time 0.001 Seconds

(without alignments)
157.180 Million cell updates/sec

Title: us-10-016-149-3

Perfect score: 290

Sequence: 1 tccagcgagtcaccagagag.....taaatctggtgatgggat 290

Scoring table: IDENTITY NUC

Gapop 10.0 , Gapext 0.5

Searched: 17 seqs, 271 residues

Total number of hits satisfying chosen parameters: 34

Minimum DB seq length: 8

Maximum DB seq length: 50

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 2000 summaries

Database : rstdb:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

| Result No. | Score | Query Match % | Length | ID | Description |
|------------|-------|---------------|--------|----|-------------------|
| 1 | 16.6 | 5.7 | 25 | 1 | AI378947 |
| 2 | 16.4 | 5.7 | 24 | 1 | AZ773118 |
| 3 | 15 | 5.2 | 23 | 1 | ACCSSION:AZ773118 |
| 4 | 13.8 | 4.8 | 19 | 1 | ACCSSION:AZ357282 |
| 5 | 12.4 | 4.3 | 19 | 1 | ACCSSION:AZ496535 |
| 6 | 12.2 | 4.2 | 18 | 1 | ACCSSION:AZ381798 |
| 7 | 10.8 | 3.7 | 14 | 1 | ACCSSION:BM395336 |
| 8 | 9.8 | 3.4 | 15 | 1 | ACCSSION:CF278327 |
| 9 | 9.8 | 3.4 | 15 | 1 | ACCSSION:Q0511821 |
| 10 | 9.4 | 3.2 | 11 | 1 | ACCSSION:Q054555 |
| 11 | 9.4 | 3.2 | 13 | 1 | ACCSSION:CF543159 |
| 12 | 9 | 3.1 | 12 | 1 | ACCSSION:Q0586320 |
| 13 | 9 | 3.1 | 13 | 1 | ACCSSION:Q0587766 |
| 14 | 9 | 3.1 | 13 | 1 | ACCSSION:AA913242 |
| 15 | 8.8 | 3.0 | 12 | 1 | ACCSSION:Q0594595 |
| 16 | 8.8 | 3.0 | 12 | 1 | ACCSSION:CF319670 |
| 17 | 8.8 | 3.0 | 13 | 1 | ACCSSION:AI016863 |
| 18 | 8.2 | 2.8 | 15 | 1 | ACCSSION:Q0511821 |
| 19 | 8 | 2.8 | 19 | 1 | ACCSSION:AZ496535 |
| 20 | 7.8 | 2.7 | 13 | 1 | ACCSSION:Q0586320 |
| 21 | 7.4 | 2.6 | 12 | 1 | ACCSSION:Q0587766 |
| 22 | 7.4 | 2.6 | 23 | 1 | ACCSSION:AZ357282 |
| 23 | 7.4 | 2.6 | 25 | 1 | ACCSSION:AI378947 |
| 24 | 7.2 | 2.5 | 15 | 1 | ACCSSION:CA794555 |
| 25 | 7.2 | 2.5 | 19 | 1 | ACCSSION:AZ381798 |
| 26 | 6.8 | 2.3 | 11 | 1 | ACCSSION:CF543159 |
| 27 | 6.8 | 2.3 | 13 | 1 | ACCSSION:Q0589768 |
| 28 | 6.6 | 2.3 | 13 | 1 | ACCSSION:AI016863 |
| 29 | 6.2 | 2.1 | 13 | 1 | ACCSSION:AA913242 |
| 30 | 6.2 | 2.1 | 18 | 1 | ACCSSION:BM395336 |
| 31 | 6.2 | 2.1 | 24 | 1 | ACCSSION:AZ773118 |
| 32 | 6 | 2.1 | 14 | 1 | ACCSSION:CF278327 |
| 33 | 5.8 | 2.0 | 12 | 1 | ACCSSION:CF319670 |

34 5.4 1.9 12 1 BQ594595 ACCESSION:BQ594595

ALIGNMENTS

RESULT 1

AI378947

LOCUS

DEFINITION

tc40b07.xl Soares_total_fetus Nb2HF8 9w Homo sapiens cDNA clone

IMAGE:2067061 3', similar to SW:HP1G MOUSE P23198 HETEROCHROMATIN

PROTEIN 1 HOMOLOG GAMMA ;, mRNA sequence.

ACCESSION

AI378947

VERSION

EST.

SOURCE

ORGANISM

Homo sapiens (human)

Keywords

Homology

Reference

AI378947

AI378947

AI378947

AI378947

AI378947

AI378947

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REFERENCE
1 (bases 1 to 24)
AUTHORS
Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C.,
Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T.,
Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von
Niederhauser,A. and Wright,D., Weiss,R.
TITLE
Mouse whole genome scaffolding with paired end reads from 10kb
plasmid inserts
JOURNAL
Unpublished (2000)
COMMENT
Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0584 row: 2 column: 20
Seq primer: CGTGTAAACGACGGCCAGT
Class: plasmid ends
High quality sequence stop: 24.
FEATURES
Location/Qualifiers
1..24
/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUGC1M0584P20"
/sex="Male"
/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone_lib="Mouse 10kb plasmid UUGC1M library"
/notes="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adapted DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (gi|4732114|gb|AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adapted mouse DNA was annealed to
adapted vector DNA, and transformed into
chemically-competent E. coli XL10-Gold (Stratagene) cells
and selected for ampicillin resistance."
Query Match 5.7%; Score 16.4; DB 1; Length 24;
Best Local Similarity 94.4%; Pred. No. 0.89; 1; Indels 0; Gaps 0;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 915 ATTATCATCACCCACC 932
|||
DB 21 ATCATCATCACCCACC 4

RESULT 3
AZ357282
LOCUS
DEFINITION
A2357282 23 bp DNA linear GSS 02-OCT-2000
clone UUGC1M0098A16 R, genomic survey sequence.
ACCESSION
A2357282
VERSION
A2357282.1 GI:10470982
KEYWORDS
GSS.
SOURCE
Mus musculus (house mouse)
ORGANISM
Eukaryota; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Mus.
1 (bases 1 to 23)
< REFERENCE
1 (bases 1 to 24)
AUTHORS
Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C.,
Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T.,
Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von
Niederhauser,A. and Wright,D., Weiss,R.
TITLE
Mouse whole genome scaffolding with paired end reads from 10kb
plasmid inserts
JOURNAL
Unpublished (2000)
COMMENT
Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0584 row: 2 column: 20
Seq primer: CGTGTAAACGACGGCCAGT
Class: plasmid ends
High quality sequence stop: 24.
FEATURES
Location/Qualifiers
1..24
/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUGC1M0584P20"
/sex="Male"
/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone_lib="Mouse 10kb plasmid UUGC1M library"
/notes="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adapted DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (gi|4732114|gb|AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adapted mouse DNA was annealed to
adapted vector DNA, and transformed into
chemically-competent E. coli XL10-Gold (Stratagene) cells
and selected for ampicillin resistance."
Query Match 5.2%; Score 15; DB 1; Length 23;
Best Local Similarity 78.3%; Pred. No. 1.6; 5; Indels 0; Gaps 0;
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 825 CTGCTCTCTTTCTCTCTGAA 847
|||
DB 1 CTGTGTGTCTCTCTCTTCAA 23

RESULT 4
AZ496535
LOCUS
DEFINITION
A2357282 19 bp DNA linear GSS 05-OCT-2000
clone UUGC1M0333P04 F, genomic survey sequence.
ACCESSION
AZ496535
VERSION
AZ496535.1 GI:10672786
KEYWORDS
GSS.
SOURCE
Mus musculus (house mouse)
ORGANISM
Eukaryota; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
1 (bases 1 to 19)
< REFERENCE
1 (bases 1 to 19)
AUTHORS
Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C.,

```

Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T.,
 Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von
 Niederhausern,A. and Wright,D., Weiss,R.
 Mouse whole genome scaffolding with paired end reads from 10kb
 plasmid inserts
 Unpublished (2000)
 JOURNAL
 COMMENT
 Contact: Robert B. Weiss
 University of Utah Genome Center
 University of Utah
 Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
 84112, USA
 Tel: 801 585 5606
 Fax: 801 585 7177
 Email: ddunn@genetics.utah.edu
 Insert Length: 10000 Std Error: 0.00
 Plate: 0333 row: F column: 04
 Seq primer: CGTTGTAACAGCGCCAGT
 Class: plasmid ends
 High quality sequence stop: 19.

FEATURES

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 1. 19
 /organism="Mus musculus"
 /mol_type="genomic DNA"
 /strain="C57BL/6J"
 /db_xref="taxon:10090"
 /clone="UUGC1M0333F04"
 /sex="Male"
 /lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
 /clone_lib="Mouse 10kb plasmid UUGC1M library"
 /notes="Vector: PWD42nv; Purified genomic DNA from M.
 musculus C57BL/6J (male) was obtained from the Jackson
 Laboratory Mouse DNA Resource
 (http://www.jax.org/resources/documents/dnares/). The DNA
 was hydrodynamically sheared by repeated passage through a
 0.005 inch orifice at constant velocity. The sheared DNA
 was blunt end-repaired with T4 DNA polymerase and T4
 polynucleotide kinase. Adaptor oligonucleotides were
 ligated to the blunt ends in high molar excess. The
 adaptor DNA was purified and size-selected for a 9.5 to
 10.5 kb range using preparative agarose gel
 electrophoresis. Vector DNA was prepared from a derivative
 of pWD42 (G14732114|gb|AF129072.1), a copy-number
 inducible derivative of plasmid R1. The vector was ligated
 with adaptors complementary to the insert adaptors and
 purified. The sheared, adaptor mouse DNA was annealed to
 adaptor vector DNA, and transformed into
 chemically-competent E. coli XL10-Gold (Stratagene) cells
 and selected for ampicillin resistance."

Query Match 4.8%; Score 13.8; DB 1; Length 19;
 Best Local Similarity 88.2%; Pred. No. 2.1;
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 906 TGGGATCAGATTATCAT 922
 |||||
 Db 3 TGTGATCAATTATCAT 19

RESULT 5
 AZ381798/c 19 bp DNA linear GSS 02-OCT-2000
 LOCUS
 DEFINITION IM0138G01R Mouse 10kb plasmid UUGC1M library Mus musculus genomic
 clone UUGC1M0138G01 R, genomic survey sequence.
 ACCESSION AZ381798
 VERSION AZ381798.1 GI:10495498
 KEYWORDS GSS.
 SOURCE Mus musculus (house mouse)
 ORGANISM Mus musculus
 Eukaryota; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
 1 (bases 1 to 19)
 Durr,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C.,
 Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T.,

Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von
 Niederhausern,A. and Wright,D., Weiss,R.
 Mouse whole genome scaffolding with paired end reads from 10kb
 plasmid inserts
 Unpublished (2000)
 JOURNAL
 COMMENT
 Contact: Robert B. Weiss
 University of Utah Genome Center
 University of Utah
 Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
 84112, USA
 Tel: 801 585 5606
 Fax: 801 585 7177
 Email: ddunn@genetics.utah.edu
 Insert Length: 10000 Std Error: 0.00
 Plate: 0138 row: G column: 01
 Seq primer: CACACAGGAACAGCTATGACC
 Class: plasmid ends
 High quality sequence stop: 19.

FEATURES

source
 1. 19
 /organism="Mus musculus"
 /mol_type="genomic DNA"
 /strain="C57BL/6J"
 /db_xref="taxon:10090"
 /clone="UUGC1M0138G01"
 /sex="Male"
 /lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
 /clone_lib="Mouse 10kb plasmid UUGC1M library"
 /notes="Vector: PWD42nv; Purified genomic DNA from M.
 musculus C57BL/6J (male) was obtained from the Jackson
 Laboratory Mouse DNA Resource
 (http://www.jax.org/resources/documents/dnares/). The DNA
 was hydrodynamically sheared by repeated passage through a
 0.005 inch orifice at constant velocity. The sheared DNA
 was blunt end-repaired with T4 DNA polymerase and T4
 polynucleotide kinase. Adaptor oligonucleotides were
 ligated to the blunt ends in high molar excess. The
 adaptor DNA was purified and size-selected for a 9.5 to
 10.5 kb range using preparative agarose gel
 electrophoresis. Vector DNA was prepared from a derivative
 of pWD42 (G14732114|gb|AF129072.1), a copy-number
 inducible derivative of plasmid R1. The vector was ligated
 with adaptors complementary to the insert adaptors and
 purified. The sheared, adaptor mouse DNA was annealed to
 adaptor vector DNA, and transformed into
 chemically-competent E. coli XL10-Gold (Stratagene) cells
 and selected for ampicillin resistance."

Query Match 4.3%; Score 12.4; DB 1; Length 19;
 Best Local Similarity 92.9%; Pred. No. 4.1;
 Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 923 CACCACACCCCTCC 936
 |||||
 Db 15 CACCACACCCACC 2

RESULT 6
 BM395336 18 bp mRNA linear EST 17-JAN-2002
 LOCUS
 DEFINITION 50072-2-8-F05.r.1 Chilcoat/Turkewitz cDNA (large fraction)
 Tetrahymena thermophila cDNA, mRNA sequence.
 ACCESSION BM395336
 VERSION BM395336.1 GI:18195389
 KEYWORDS EST.
 SOURCE Tetrahymena thermophila
 ORGANISM Tetrahymena thermophila
 Eukaryota; Alveolata; Ciliophora; Oligohymenophorea;
 Hymenostomatida; Tetrahymenina; Tetrahymena.
 1 (bases 1 to 18)
 Turkewitz,A.P., Karrer,K.M., Jahn,C., Orias,E., Kirk,K.E.,
 Frankel,J. and Klobutcher,L.
 EST from Tetrahymena thermophila, strain CU428.1, growing cells

JOURNAL
COMMENT

Unpublished (2002)
Contact: Turkewitz AP
Molecular Genetics and Cell Biology
University of Chicago
920 E. 58th Street, Chicago, IL 60637, USA
Tel: 773 702 4374
Fax: 773 702 3172
Email: apturkew@midway.uchicago.edu
Seq primer: T3.

FEATURES

source

1..18
Location/Qualifiers
/organism="Tetrahymena thermophila"
/mol_type="mRNA"
/strain="CU428.1"
/db_xref="taxon:5911"
/clone_lib="Chilcoat/Turkewitz cDNA (large fraction)"
/note="Vector: Bluescript2 SK+; Details on library preparation can be found in Chilcoat and Turkewitz (2001) Proc. Natl. Acad. Sci USA, 98: 8709-8713."

Query Match 4.2%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 4.1;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 737 GGACTGTGGTGGGCC 753

Db 1 GGACTGTGGTGGGCC 17

RESULT 7

CF278327

LOCUS

DEFINITION 14ETL--04-D06.b1 Rice etiolated leaf plasmid cDNA library (14ETL)
Oryza sativa cDNA clone 14ETL--04-D06, mRNA sequence.

ACCESSION

CF278327

VERSION

CF278327.1

GI:33655713

KEYWORDS

EST.

SOURCE

Oryza sativa

ORGANISM

Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
Ehrhartoideae; Oryzeae; Oryza.

REFERENCE

1 (bases 1 to 14)

AUTHORS

Kim, J.S., Jun, K.M., Cheong, P.J., Kim, M.J., Lee, T.H., Shin, Y.C.,

Song, S.I., Kim, J.K., Kim, Y.-K. and Nahm, B.H.

Large-scale Sequencing Analysis of Rice ESTs

Unpublished (2003)

CONTACT: Nahm B.H.

Genomics and Genetics Institute, GreenGene Biotech Inc.; Division

of Bioscience and Bioinformatics, Myongji University

Yongin, Kyeonggi, Korea

Tel: 82 31 330 6193

Fax: 82 31 321 6355

Email: bhnahm@gbio.com, bhnahm@bio.myongji.ac.kr.

Seq primer: T3.

Location/Qualifiers

1..14

source

/organism="Oryza sativa"

/mol_type="mRNA"

/cultivar="Nackdong"

/db_xref="taxon:4530"

/clone_lib="Rice etiolated leaf plasmid cDNA library (14ETL)"

/note="Vector: PCR4-TOPO; Site 1: EcoRI; mRNA was capped with oligoribonucleotides and then used as templates for RT-PCR."

Query Match 3.7%; Score 10.8; DB 1; Length 14;
Best Local Similarity 85.7%; Pred. No. 5.3;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 893 ACTTCTCAGCTTCT 906

Db 1 ACTTCTCAGCTTCT 14

RESULT 8

BQ511821

LOCUS

DEFINITION

EST.

ACCESSION

BQ511821

VERSION

BQ511821.1

KEYWORDS

SOURCE

ORGANISM

Solanum tuberosum (potato)

Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;

Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;

asterids; lamids; Solanales; Solanaceae; Solanum.

1 (bases 1 to 15)

AUTHORS

Buell, C.R., Hart, A., Baker, B., Tanksley, S., Fry, W., Smart, C.,

Restrepo, S., Griffiths, H., van der Hoeven, R., Tsai, J. and

Karamycheva, S.A.

Generation of a set of potato cDNA clones for microarray analyses

Unpublished (2002)

Other ESTs: EST619237

CONTACT: Robin Buell

The Institute for Genomic Research

9712 Medical Center Dr, Rockville, MD 20850, USA

Email: potato-array@tigr.org

This clone is available through the Research Genetics, contact the

Research Genetics for further information 1-800-711-6195 or

cdna@resgen.com

Seq primer: T3.

Location/Qualifiers

1..15

source

/organism="Solanum tuberosum"

/mol_type="mRNA"

/cultivar="Kennebec or Binjite"

/db_xref="taxon:4113"

/clone="STMHU18"

/tissue_type="mixed tissues"

/lab_host="SOLR"

/clone_lib="Generation of a set of potato cDNA clones for

microarray analyses mixed potato tissues"

/note="Vector: pBluescript SK(-); Site 1: EcoRI; Site 2:

XhoI; supplier: Combination of untreated and Phytophthora

infestans-treated libraries of stolons, leaves, leaflets,

axillary buds of stem explants, petioles, germinating

eyes, tubers, or roots."

Query Match 3.4%; Score 9.8; DB 1; Length 15;

Best Local Similarity 84.6%; Pred. No. 9.1;

Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

RESULT 9

CA794555/c

LOCUS

DEFINITION

EST.

ACCESSION

CA794555

VERSION

CA794555.1

KEYWORDS

SOURCE

ORGANISM

Theobroma cacao (cacao)

Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;

Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;

15 bp mRNA linear EST 07-MAR-2003
EST619236 Generation of a set of potato cDNA clones for microarray
analyses mixed potato tissues Solanum tuberosum cDNA clone STMHU18
5' end, mRNA sequence.

BQ511821

EST.

ACCESSION

BQ511821

VERSION

BQ511821.1

KEYWORDS

SOURCE

ORGANISM

Solanum tuberosum (potato)

Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;

Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;

asterids; lamids; Solanales; Solanaceae; Solanum.

1 (bases 1 to 15)

AUTHORS

Buell, C.R., Hart, A., Baker, B., Tanksley, S., Fry, W., Smart, C.,

Restrepo, S., Griffiths, H., van der Hoeven, R., Tsai, J. and

Karamycheva, S.A.

Generation of a set of potato cDNA clones for microarray analyses

Unpublished (2002)

Other ESTs: EST619237

CONTACT: Robin Buell

The Institute for Genomic Research

9712 Medical Center Dr, Rockville, MD 20850, USA

Email: potato-array@tigr.org

This clone is available through the Research Genetics, contact the

Research Genetics for further information 1-800-711-6195 or

cdna@resgen.com

Seq primer: T3.

Location/Qualifiers

1..15

source

/organism="Solanum tuberosum"

/mol_type="mRNA"

/cultivar="Kennebec or Binjite"

/db_xref="taxon:4113"

/clone="STMHU18"

/tissue_type="mixed tissues"

/lab_host="SOLR"

/clone_lib="Generation of a set of potato cDNA clones for

microarray analyses mixed potato tissues"

/note="Vector: pBluescript SK(-); Site 1: EcoRI; Site 2:

XhoI; supplier: Combination of untreated and Phytophthora

infestans-treated libraries of stolons, leaves, leaflets,

axillary buds of stem explants, petioles, germinating

eyes, tubers, or roots."

RESULT 9

CA794555/c

LOCUS

DEFINITION

EST.

ACCESSION

CA794555

VERSION

CA794555.1

KEYWORDS

SOURCE

ORGANISM

Theobroma cacao (cacao)

Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;

Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;

15 bp mRNA linear EST 05-DEC-2002
Cac BL 1497 Cac BL (Bean and Leaf from Amelonardo type Cacao)
Theobroma cacao cDNA clone Cac BL 1497 5', mRNA sequence.

CA794555

EST.

ACCESSION

CA794555

VERSION

CA794555.1

KEYWORDS

SOURCE

ORGANISM

Theobroma cacao (cacao)

Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;

Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;

```

rosids; eurosids II; Malvales; Malvaceae; Byttnerioideae;
Theobroma.
1 (bases 1 to 15)
Jones,P.G., Allaway,D., Gilmour,D.M., Harris,C., Rankin,D.,
Retzel,E.R. and Jones,C.A.
Gene discovery and microarray analysis of cacao (Theobroma cacao
L.) varieties
Planta 216 (2), 255-264 (2002)
22337596
12447539
PUBMED
COMMENT
Contact: Jones, Paul
Masterfoods
3d Dundee Road, Slough, Berkshire, UK, SL1 4LG
Tel: +44 1664 416644
Email: Paul.Jones@eu.affem.com
Seq primer: T3.
FEATURES
    source
        1..15
        /organism="Theobroma cacao"
        /mol_type="mRNA"
        /strain="Amelonado type"
        /db_xref="taxon:3641"
        /clone="Cac BL 1497"
        /tissue_type="Mature leaf and mature bean"
        /cell_type="Whole organ"
        /dev_stage="maturity"
        /lab_host="XL-1 Blue MRF"
        /clone_lib="Cac_BL (Bean and Leaf from Amelonado type
        Cacao)"
        /note="Vector: pBK-CMV; Bean and leaf tissue from an
        Amelonado type Cacao tree."
Query Match      3.4%; Score 9.8; DB 1; Length 15;
Best Local Similarity 84.6%; Pred. No. 9.1;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 750 TCCAGGTCCT 762
Db 13 TCCCGGTCCT 1

RESULT 10
CF543159
LOCUS
DEFINITION
S014678-024-030-006-SP6 MP1Z-ADIS-024-leaf Beta vulgaris cDNA clone
024-030-006 5-PRIME, mRNA sequence.
ACCESSION
CF543159
VERSION
CF543159.1 GI:34891599
KEYWORDS
EST.
SOURCE
Beta vulgaris
ORGANISM
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
Caryophyllales; Amaranthaceae; Beta.
1 (bases 1 to 11)
Herwig,R., Schulz,B., Weisshaar,B., Hennig,S., Steinfath,M.,
Drungowski,M., Stahl,D., Wruck,W., Menze,A., O'Brien,J., Lehrach,H.
and Radelof,U.
Construction of a 'unigene' cDNA clone set by oligonucleotide
fingerprinting allows access to 25 000 potential sugar beet genes
Plant J. 32 (5), 845-857 (2002)
22362189
12472698
PUBMED
COMMENT
Contact: Weisshaar B
ADIS DNA core facility at MP1Z
Max-Planck-Institute for Plant Breeding Research
Carl-von-Linne Weg 10, 50829 Koeln, Germany
Fax: 00492215062851
Email: weisshaar@piz-koeln.mpg.de
Insert Length: 11 Std Error: 0.00
Plate: 30 row: 0 column: 06
Seq primer: SP6.
Location/Qualifiers

rosids; eurosids II; Malvales; Malvaceae; Byttnerioideae;
Theobroma.
1 (bases 1 to 15)
Jones,P.G., Allaway,D., Gilmour,D.M., Harris,C., Rankin,D.,
Retzel,E.R. and Jones,C.A.
Gene discovery and microarray analysis of cacao (Theobroma cacao
L.) varieties
Planta 216 (2), 255-264 (2002)
22337596
12447539
PUBMED
COMMENT
Contact: Jones, Paul
Masterfoods
3d Dundee Road, Slough, Berkshire, UK, SL1 4LG
Tel: +44 1664 416644
Email: Paul.Jones@eu.affem.com
Seq primer: T3.
FEATURES
    source
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        /organism="Theobroma cacao"
        /mol_type="mRNA"
        /strain="Amelonado type"
        /db_xref="taxon:3641"
        /clone="Cac BL 1497"
        /tissue_type="Mature leaf and mature bean"
        /cell_type="Whole organ"
        /dev_stage="maturity"
        /lab_host="XL-1 Blue MRF"
        /clone_lib="Cac_BL (Bean and Leaf from Amelonado type
        Cacao)"
        /note="Vector: pBK-CMV; Bean and leaf tissue from an
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Query Match      3.4%; Score 9.8; DB 1; Length 15;
Best Local Similarity 84.6%; Pred. No. 9.1;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 750 TCCAGGTCCT 762
Db 13 TCCCGGTCCT 1

RESULT 10
CF543159
LOCUS
DEFINITION
S014678-024-030-006-SP6 MP1Z-ADIS-024-leaf Beta vulgaris cDNA clone
024-030-006 5-PRIME, mRNA sequence.
ACCESSION
CF543159
VERSION
CF543159.1 GI:34891599
KEYWORDS
EST.
SOURCE
Beta vulgaris
ORGANISM
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
Caryophyllales; Amaranthaceae; Beta.
1 (bases 1 to 11)
Herwig,R., Schulz,B., Weisshaar,B., Hennig,S., Steinfath,M.,
Drungowski,M., Stahl,D., Wruck,W., Menze,A., O'Brien,J., Lehrach,H.
and Radelof,U.
Construction of a 'unigene' cDNA clone set by oligonucleotide
fingerprinting allows access to 25 000 potential sugar beet genes
Plant J. 32 (5), 845-857 (2002)
22362189
12472698
PUBMED
COMMENT
Contact: Weisshaar B
ADIS DNA core facility at MP1Z
Max-Planck-Institute for Plant Breeding Research
Carl-von-Linne Weg 10, 50829 Koeln, Germany
Fax: 00492215062851
Email: weisshaar@piz-koeln.mpg.de
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Seq primer: SP6.
Location/Qualifiers

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1..11
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/mol_type="mRNA"
/cultivar="KWS2320 (double haploid, monogerm breeding
line)"
/db_xref="GABI:936619"
/db_xref="taxon:161934"
/clone="024-030-006"
/tissue_type="leaf"
/lab_host="EMDH10B"
/clone_lib="MP1Z-ADIS-024-leaf"
/note="Vector: pCMVSPORT6; Site 1: SalI; Site 2: NotI;
cDNA library from sugar beet, library provided by KWS
Kleinwanzlebener Saatzzucht AG Einbeck, Germany, contact:
b.schulz@kws.de; cloning sites SalI-NotI, primer sites and
orientation:
SP6-Sali-CCACGCGTCCG-5prime-cDNA-polyA-CC-NotI-T7; Note:
Sequencing granted in the context of the GABI-Beet
Project, local PI: Dr. Katharina Schneider, coordinator:
Prof. Christian Jung; Sequence submission managed by
RZPD/GABI-Primary database:http://gabi.rzpd.de"
Query Match      3.2%; Score 9.4; DB 1; Length 11;
Best Local Similarity 90.9%; Pred. No. 6.9;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 871 AACACTTTCCT 881
Db 1 AACACTTTCCT 11

RESULT 11
BQ586320/c
LOCUS
DEFINITION
E012395-024-013-F16-SP6 MP1Z-ADIS-024-leaf Beta vulgaris cDNA clone
024-013-F16 5-PRIME, mRNA sequence.
ACCESSION
BQ586320
VERSION
BQ586320.1 GI:26115902
KEYWORDS
EST.
SOURCE
Beta vulgaris
ORGANISM
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
Caryophyllales; Amaranthaceae; Beta.
1 (bases 1 to 13)
Herwig,R., Schulz,B., Weisshaar,B., Hennig,S., Steinfath,M.,
Drungowski,M., Stahl,D., Wruck,W., Menze,A., O'Brien,J., Lehrach,H.
and Radelof,U.
Construction of a 'unigene' cDNA clone set by oligonucleotide
fingerprinting allows access to 25 000 potential sugar beet genes
Plant J. 32 (5), 845-857 (2002)
22362189
12472698
PUBMED
COMMENT
Contact: Weisshaar B
ADIS DNA core facility at MP1Z
Max-Planck-Institute for Plant Breeding Research
Carl-von-Linne Weg 10, 50829 Koeln, Germany
Fax: 00492215062851
Email: weisshaar@piz-koeln.mpg.de
Insert Length: 13 Std Error: 0.00
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Seq primer: SP6; CATACGATTGAGTGACACTATAG.
Location/Qualifiers

FEATURES
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        /db_xref="GABI:186544"
        /db_xref="taxon:161934"
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        /tissue_type="leaf"
        /lab_host="EMDH10B"

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 /notes="Vector: pCMVSPORT6; Site 1: SalI; Site 2: NotI;
 cDNA library from sugar beet, library provided by KWS
 Kleinzellenebener Saatzzucht AG Einbeck, Germany, contact:
 b.schulz@kws.de; cloning sites SalI-NotI, primer sites and
 orientation:
 SP6-Sali-CCACGCTCCG-5prime-cDNA-polyA-CC-NotI-T7; Note:
 Sequencing granted in the context of the GABI-Beet
 project, local PI: Dr. Katharina Schneider, coordinator:
 Prof. Christian Jung; Sequence submission managed by
 RZPD/GABI-Primary database:http://gabi.rzpd.de"

Query Match 3.2%; Score 9.4; DB 1; Length 13;
 Best Local Similarity 90.9%; Pred. No. 8.9;
 Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
 QY 719 AGAGTGACTCT 729
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 Db 12 AGAGTGACTCT 2

RESULT 12
 BQ587766 12 bp mRNA linear EST 06-DEC-2002
 LOCUS E012340-024-010-M01-SP6 MP1Z-ADIS-024-leaf Beta vulgaris cDNA clone
 DEFINITION 024-010-M01 5-PRIME, mRNA sequence.
 ACCESSION BQ587766
 VERSION BQ587766.1 GI:26117348
 KEYWORDS EST.
 SOURCE Beta vulgaris

ORGANISM Beta vulgaris
 Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
 Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
 Caryophyllales; Amaranthaceae; Beta.
 REFERENCE 1 (bases 1 to 12)
 AUTHORS Herwig,R.; Schulz,B.; Weisshaar,B.; Hennig,S.; Steinfath,M.;
 Drungowski,M.; Stahl,D.; Wruck,A.; Menze,A.; O'Brien,J.; Lehrach,H.
 and Radelof,U.

TITLE Construction of a 'unigene' cDNA clone set by oligonucleotide
 fingerprinting allows access to 25 000 potential sugar beet genes

JOURNAL Plant J. 32 (5), 845-857 (2002)
 MEDLINE 22362189
 PUBMED 12472698

COMMENT Contact: Weisshaar B
 ADIS DNA core facility at MP1Z
 Max-Planck-Institute for Plant Breeding Research
 Carl-von-Linne Weg 10, 50829 Koeln, Germany
 Fax: 00492215062851
 Email: weisshaar@mpiz-koeln.mpg.de
 Insert Length: 12 Std Error: 0.00
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 Seq primer: SP6: CATACGATTAGTGACACTATAG.

FEATURES
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 1..12
 Location/Qualifiers
 /organism="Beta vulgaris"
 /mol_type="mRNA"
 /cultivar="KWS2320 (double haploid, monogerm breeding
 line)"
 /db_xref="GABI:185095"
 /db_xref="taxon:161934"
 /clone="024-010-M01"
 /issue_type="leaf"
 /lab_host="EMDH10B"
 /clone.lib="MPIZ-ADIS-024-leaf"
 /notes="Vector: pCMVSPORT6; Site 1: SalI; Site 2: NotI;
 cDNA library from sugar beet, library provided by KWS
 Kleinzellenebener Saatzzucht AG Einbeck, Germany, contact:
 b.schulz@kws.de; cloning sites SalI-NotI, primer sites and
 orientation:
 SP6-Sali-CCACGCTCCG-5prime-cDNA-polyA-CC-NotI-T7; Note:
 Sequencing granted in the context of the GABI-Beet
 project, local PI: Dr. Katharina Schneider, coordinator:
 Prof. Christian Jung; Sequence submission managed by

RZPD/GABI-Primary database:http://gabi.rzpd.de"

Query Match 3.1%; Score 9; DB 1; Length 12;
 Best Local Similarity 100.0%; Pred. No. 9.4;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 803 CTCCTCTCC 811
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 Db 3 CTCCTCTCC 11

RESULT 13
 AA913242 13 bp mRNA linear EST 26-AUG-1998
 LOCUS O143911.s1 Soares NFL T GBC S1 Homo sapiens cDNA clone
 DEFINITION IMAGE:1526276 3' similar to WP:E02A10.2 CE091116 ; mRNA sequence.
 ACCESSION AA913242
 VERSION AA913242.1 GI:3052634
 KEYWORDS EST.
 SOURCE Homo sapiens (human)

ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi;
 Mammalia; Euthera; Primates; Catarrhini; Hominidae; Homo.
 REFERENCE 1 (bases 1 to 13)
 AUTHORS NCI-CGAP http://www.ncbi.nlm.nih.gov/ncicgap.
 TITLE National Cancer Institute, Cancer Genome Anatomy Project (CGAP),
 Tumor Gene Index
 JOURNAL Unpublished (1997)
 COMMENT Contact: Robert Strausberg, Ph.D.
 Email: cgapbs@mail.nih.gov

This clone is available royalty-free through LNL; contact the
 IMAGE Consortium (infoimage.lnl.gov) for further information.
 Trace considered overall poor quality
 Insert Length: 614 Std Error: 0.00
 Seq primer: -40ml3 fwd. ET from Amersham
 High quality sequence stop: 1.
 Location/Qualifiers
 1..13
 /organism="Homo sapiens"
 /mol_type="mRNA"
 /db_xref="taxon:9606"
 /clone="IMAGE:1526276"
 /lab_host="DH10B"
 /clone.lib="Soares NFL T GBC S1"

/note="Organ: pooled; Vector: pT7T3D-Pac (Pharmacia) with
 a modified polylinker; Site 1: Not I; Site 2: Eco RI;
 Equal amounts of plasmid DNA from three normalized
 libraries (fetal lung NDHL9W, testis NHT, and B-cell
 NCI CGAP GCB1) were mixed, and ss circles were made in
 vitro. Following HAP purification, this DNA was used as
 tracer in a subtractive hybridization reaction. The driver
 was PCR-amplified cDNAs from pools of 5,000 clones made
 from the same 3 libraries. The pools consisted of
 1.M.A.G.E. clones 297480-302087, 682832-687239,
 726408-728711, and 729096-731399. Subtraction by Bento
 Soares and M. Fatima Bonaldo."

Query Match 3.1%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 11;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 924 ACCACCACC 932
 |||||
 Db 10 ACCACCACC 2

RESULT 14
 BQ589768 13 bp mRNA linear EST 06-DEC-2002
 LOCUS E012680-024-020-D03-SP6 MP1Z-ADIS-024-storage root Beta vulgaris
 DEFINITION cDNA clone 024-020-D03 5-PRIME, mRNA sequence.
 ACCESSION BQ589768
 VERSION BQ589768.1 GI:26119351

| | | | |
|-----------------------|---|---------|---|
| KEYWORDS | EST. | TITLE | Construction of a 'unigene' cDNA clone set by oligonucleotide |
| SOURCE | Beta vulgaris | JOURNAL | fingerprinting allows access to 25 000 potential sugar beet genes |
| ORGANISM | Beta vulgaris | MEDLINE | Plant J. 32 (5), 845-857 (2002) |
| | Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta; Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots; Caryophyllales; Amaranthaceae; Beta. | PUBMED | 22362189 |
| REFERENCE | 1 (bases 1 to 13) | COMMENT | 12472698 |
| AUTHORS | Herwig,R., Schulz,B., Weisshaar,B., Hennig,S., Steinfath,M., Drungowski,M., Stahl,D., Wruck,W., Menze,A., O'Brien,J., Lehrach,H. and Radelof,U. | | |
| | ADIS DNA core facility at MPIZ | | |
| TITLE | Construction of a 'unigene' cDNA clone set by oligonucleotide | | |
| JOURNAL | fingerprinting allows access to 25 000 potential sugar beet genes | | |
| MEDLINE | Plant J. 32 (5), 845-857 (2002) | | |
| PUBMED | 22362189 | | |
| COMMENT | 12472698 | | |
| | Contact: Weisshaar B | | |
| | Max-Planck-Institute for Plant Breeding Research | | |
| | Carl-von-Linne Weg 10, 50829 Koeln, Germany | | |
| | Fax: 00492215062851 | | |
| | Email: weisshaar@mpiz-koeln.mpg.de | | |
| | Insert Length: 13 Std Error: 0.00 | | |
| | Plate: 20 row: D column: 03 | | |
| | Seq primer: SP6; CATACGATTAGGTGACACTATAG. | | |
| FEATURES | Location/Qualifiers | | |
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| | /organism="Beta vulgaris" | | |
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| | /db_xref="GABI:190356" | | |
| | /db_xref="taxon:161934" | | |
| | /clone="024-020-D03" | | |
| | /tissue_type="storage root" | | |
| | /lab_host="EMDH10B" | | |
| | /clone_lib="MPIZ-ADIS-024-storage root" | | |
| | /note="vector: pCMVSPORT6; Site 1: Sali; Site 2: NotI; cDNA library from sugar beet, library provided by KWS Kleinwanzlebener Saatucht AG Einbeck, Germany, contact: b.schulz@kws.de; cloning sites Sali-NotI, primer sites and orientation: | | |
| | SP6-Sali-CCAGCGTCGC-5prime-cDNA-polyA-CC-NotI-T7; Note: Sequencing granted in the context of the GABI-Beet project, local PI: Dr. Katharina Schneider, coordinator: Prof. Christian Jung; Sequence submission managed by RZPD/GABI-Primary database: http://gabi.rzpd.de" | | |
| Query Match | 3.1%; Score 9; DB 1; Length 13; | | |
| Best Local Similarity | 100.0%; Pred. No. 11; | | |
| Matches | 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0; | | |
| Qy | 950 CAAGAAGAG 958 | | |
| | | | |
| Db | 11 CAAGAAGAG 3 | | |
| RESULT 15 | | | |
| BQ594595/c | | | |
| LOCUS | BQ594595 12 bp mRNA linear EST 06-DEC-2002 | | |
| DEFINITION | CNA clone 024-024-D06-SP6 MPIZ-ADIS-024-developing root Beta vulgaris | | |
| | cDNA clone 024-024-D06 5-PRIME, mRNA sequence. | | |
| ACCESSION | BQ594595 | | |
| VERSION | BQ594595.1 GI:26124178 | | |
| KEYWORDS | EST. | | |
| SOURCE | Beta vulgaris | | |
| ORGANISM | Beta vulgaris | | |
| | Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta; Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots; Caryophyllales; Amaranthaceae; Beta. | | |
| REFERENCE | 1 (bases 1 to 12) | | |
| AUTHORS | Herwig,R., Schulz,B., Weisshaar,B., Hennig,S., Steinfath,M., Drungowski,M., Stahl,D., Wruck,W., Menze,A., O'Brien,J., Lehrach,H. and Radelof,U. | | |
| | ADIS DNA core facility at MPIZ | | |
| | Max-Planck-Institute for Plant Breeding Research | | |
| | Carl-von-Linne Weg 10, 50829 Koeln, Germany | | |
| | Fax: 00492215062851 | | |
| | Email: weisshaar@mpiz-koeln.mpg.de | | |
| | Insert Length: 13 Std Error: 0.00 | | |
| | Plate: 20 row: D column: 03 | | |
| | Seq primer: SP6; CATACGATTAGGTGACACTATAG. | | |
| FEATURES | Location/Qualifiers | | |
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| | /organism="Beta vulgaris" | | |
| | /mol_type="mRNA" | | |
| | /cultivar="KWS2320 (double haploid, monogerm breeding line)" | | |
| | /db_xref="GABI:192266" | | |
| | /db_xref="taxon:161934" | | |
| | /clone="024-024-D06" | | |
| | /tissue_type="developing root" | | |
| | /lab_host="EMDH10B" | | |
| | /clone_lib="MPIZ-ADIS-024-developing root" | | |
| | /note="vector: pCMVSPORT6; Site 1: Sali; Site 2: NotI; cDNA library from sugar beet, library provided by KWS Kleinwanzlebener Saatucht AG Einbeck, Germany, contact: b.schulz@kws.de; cloning sites Sali-NotI, primer sites and orientation: | | |
| | SP6-Sali-CCAGCGTCGC-5prime-cDNA-polyA-CC-NotI-T7; Note: Sequencing granted in the context of the GABI-Beet project, local PI: Dr. Katharina Schneider, coordinator: Prof. Christian Jung; Sequence submission managed by RZPD/GABI-Primary database: http://gabi.rzpd.de" | | |
| Query Match | 3.0%; Score 8.8; DB 1; Length 12; | | |
| Best Local Similarity | 83.3%; Pred. No. 10; | | |
| Matches | 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0; | | |
| Qy | 768 TCACCTTCCTGAG 779 | | |
| | | | |
| Db | 12 TCCCTTTTGAG 1 | | |
| RESULT 16 | | | |
| CF319670 | | | |
| LOCUS | CF319670 12 bp mRNA linear EST 15-AUG-2003 | | |
| DEFINITION | HD--10-E05.b1 OSHDACL-overexpressing transgenic rice plasmid cDNA library (HD) Oryza sativa cDNA clone HD--10-E05, mRNA sequence. | | |
| ACCESSION | CF319670 | | |
| VERSION | CF319670.1 GI:33691431 | | |
| KEYWORDS | EST. | | |
| SOURCE | Oryza sativa | | |
| ORGANISM | Oryza sativa | | |
| | Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta; Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae; Ehrhartoideae; Oryzaceae; Oryza. | | |
| REFERENCE | 1 (bases 1 to 12) | | |
| AUTHORS | Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., Lee,T.H., Shin,Y.C., Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H. | | |
| | Large-scale Sequencing Analysis of Rice ESTs | | |
| TITLE | Unpublished (2003) | | |
| JOURNAL | Contact: Nahm B.H. | | |
| COMMENT | Genomics and Genetics Institute, GreenGene Biotech Inc.; Division of Bioscience and Bioinformatics, Myongji University | | |
| | Yongin, Kyeonggi, Korea | | |
| | Tel: 82 31 320 6193 | | |
| | Fax: 82 31 321 6355 | | |
| | Email: bhnahm@bio.com, bhnahm@bio.myongji.ac.kr. | | |
| FEATURES | Location/Qualifiers | | |
| source | 1..12 | | |

/organism="Oryza sativa"
/mol_type="mRNA"
/cultivar="Nackdong"
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/clone="HD-10-E05"
/tissue_type="callus"
/dev_stages="proliferated callus on 2M6 media for 2 weeks"
/lab_host="E.coli DH10B"
/clone_lib="OSHDA1-overexpressing transgenic rice plasmid
cDNA library (HD)"
/note="Vector: pCR4-TOPO; Site 1: EcoRI; Callus was
treated with ABA(20um) for 1hr. Oligo-capped mRNA was
reverse transcribed and then used for PCR. mRNA was
derived from rice Histone Deacetylase overexpression
line."

Query Match 3.0%; Score 8.8; DB 1; Length 12;
Best Local Similarity 83.3%; Pred. No. 10;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 918 ATCATCACACC 929
DB 1 AACCTCACACC 12

RESULT 17
LOCUS A1016863 13 bp mRNA linear EST 16-JUN-1998
DEFINITION cu27c10.x1 Soares_NFL_T_GSC_S1 Homo sapiens cDNA clone
IMAGE:1627506 3' Similar to WP:T04F8.8 CE03620 ;, mRNA sequence.
ACCESSION A1016863
VERSION A1016863.1 GI:3231199
KEYWORDS EST.
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
1 (bases 1 to 13)
NCI-CCAP http://www.ncbi.nlm.nih.gov/nciccap.
National Cancer Institute, Cancer Genome Anatomy Project (CGAP),
Tumor Gene Index
Unpublished (1997)
Contact: Robert Strausberg, Ph.D.
Email: cgapbs-remail.nih.gov
This clone is available royalty-free through LNL ; contact the
IMAGE Consortium (info@image.llnl.gov) for further information.
Trace considered overall poor quality
Seq primer: -40m13 fwd. Et from Amersham
High quality sequence stop: 1.
Location/Qualifiers
1. .13
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
/clone="IMAGE:1627506"
/lab_host="DH10B"
/clone_lib="Soares_NFL_T_GSC_S1"
/note="Organ: pooled; Vector: pTV73D-Pac (Pharmacia) with
a modified polylinker; Site 1: Not 1; Site 2: Eco RI;
Equal amounts of plasmid DNA from three normalized
libraries (fetal lung NBH19W, testis NHT, and B-cell
NCI-CGAP-GCB1) were mixed, and ss circles were made in
vitro. Following HAP purification, this DNA was used as
tracer in a subtractive hybridization reaction. The driver
was PCR-amplified cDNAs from pools of 5,000 clones made
from the same 3 libraries. The pools consisted of
1.M.A.G.E. clones 257480-302057, 682632-687239,
726408-728711, and 729096-731399. Subtraction by Bento
Soares and M. Fatima Bonaldo."

Query Match 3.0%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 12;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 807 CCTCCAATCAG 818
DB 2 CCACCAACACAG 13

RESULT 18
LOCUS BQ511821/c 15 bp mRNA linear EST 07-MAR-2003
DEFINITION ESTG19236 Generation of a set of potato cDNA clones for microarray
analyses mixed potato tissues Solanum tuberosum cDNA clone STMH18
5' end, mRNA sequence.
ACCESSION BQ511821
VERSION BQ511821.1 GI:21370690
KEYWORDS EST.
SOURCE Solanum tuberosum (potato)
ORGANISM Solanum tuberosum
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
asterids; lamids; Solanales; Solanaceae; Solanum.
1 (bases 1 to 15)
Buell,C.R., Hart,A., Baker,B., Tanksley,S., Fry,W., Smart,C.,
Restrepo,S., Griffiths,H., van der Hoeven,R., Tsai,J. and
Karamycheva,S.A.
Generation of a set of potato cDNA clones for microarray analyses
Unpublished (2002)
Other ESTs: EST619237
Contact: Robin Buell
The Institute for Genomic Research
9712 Medical Center Dr, Rockville, MD 20850, USA
Email: potato-array@tigr.org
This clone is available through the Research Genetics, contact the
Research Genetics for further information 1-800-711-6195 or
cdna@resgen.com
Seq primer: T3.
Location/Qualifiers
1. .15
/organism="Solanum tuberosum"
/mol_type="mRNA"
/cultivar="Kennebec or Binjite"
/db_xref="taxon:4113"
/clone="STMH18"
/tissue_type="mixed tissues"
/lab_host="SOLR"
/clone_lib="Generation of a set of potato cDNA clones for
microarray analyses mixed potato tissues"
/note="Vector: pBluescript SK(-); Site 1: EcoRI; Site 2:
XhoI; supplier: Combination of untreated and Phytoththora
infestans-treated libraries of stolons, leaves, leaflets,
axillary buds of stem explants, petioles, germinating
eyes, tubers, or roots."

Query Match 2.8%; Score 8.2; DB 1; Length 15;
Best Local Similarity 76.9%; Pred. No. 17;
Matches 10; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 954 AAGAGCCCAATTG 966
DB 15 AAGAGGCCCAATTG 3

RESULT 19
LOCUS AZ496535/c 19 bp DNA linear GSS 05-OCT-2000
DEFINITION IM0333F04F Mouse 10kb plasmid UUGC1M library Mus musculus genomic
clone UUGC1M0333F04 F, genomic survey sequence.
ACCESSION AZ496535
VERSION AZ496535.1 GI:10672786
KEYWORDS GSS.
SOURCE Mus musculus (house mouse)
ORGANISM Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

1 (bases 1 to 13)
Herwig,R., Schulz,B., Weisshaar,B., Hennig,S., Steinfath,M.,
Drugowski,M., Stahl,D., Wruuck,W., Menze,A., O'Brien,J., Lehrach,H.
and Radelof,U.
Construction of a 'unigene' cDNA clone set by oligonucleotide
fingerprinting allows access to 25 000 potential sugar beet genes
Plant J. 32 (5), 845-857 (2002)

TITLE
JOURNAL
MEDLINE
PUBMED
COMMENT

Contact: Weisshaar B
ADIS DNA core facility at MPRIZ
Max-Planck-Institute for Plant Breeding Research
Carl-von-Linne Weg 10, 50829 Koeln, Germany
Fax: 00492215062851
Email: weisshaar@mpiz-koeln.mpg.de
Insert length: 13 Std Error: 0.00
Plate: 13 row: F column: 16
Seq primer: SP6; CATACGATTAGTCGACACTATAG.
Location/Qualifiers
1. .13
/organism="Beta vulgaris"
/mol_type="mRNA"
/cultivar="KWS2320 (double haploid, monogerm breeding
line)"
/db_xref="GABI:186544"
/db_xref="taxon:161934"
/clone="024-013-F16"
/tissue_type="leaf"
/lab_host="EMDH10B"
/clone_lib="MPRIZ-ADIS-024-leaf"
/notes="Vector: pCMVSPORT6; Site: 1: SalI; Site 2: NotI;
cDNA library from sugar beet, library provided by KWS
Kleinwanzlebener Saatzzucht AG Einbeck, Germany, contact:
b.schulz@kws.de; cloning sites SalI-NotI, primer sites and
orientation:
SP6-SalI-CCAGCGCTCCG-5prime-cDNA-polyA-CC-NotI-T7: Note:
Sequencing granted in the context of the GABI-Beet
project, local PI: Dr. Katharina Schneider, coordinator:
Prof. Christian Jung; Sequence submission managed by
RZPD/GABI-Primary database:http://gabi.rzpd.de"

Query Match 2.7%; Score 7.8; DB 1; Length 13;
Best Local Similarity 81.8%; Pred. No. 17;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0

Qy 719 AGAGTGACTCT 729
|||||
Db 2 AGAGGCACTCT 12

RESULT 21
BQ587766/c
LOCUS
DEFINITION
ACCESSION
VERSION
KEYWORDS
SOURCE
ORGANISM

BQ587766 12 bp mRNA linear EST 06-DEC-2002
E012340-024-010-M01-SP6 MPRIZ-ADIS-024-leaf Beta vulgaris cDNA clone
024-010-M01 5-PRIME, mRNA sequence.
BQ587766 BQ587766.1 GI:26117348
EST.
Beta vulgaris
Beta vulgaris
Eukaryota; Viridiplantae; Streptophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
Caryophyllales; Amaranthaceae; Beta.
1 (bases 1 to 12)

REFERENCE
AUTHORS
COMMENT

Herwig,R., Schulz,B., Weisshaar,B., Hennig,S., Steinfath,M.,
Drugowski,M., Stahl,D., Wruuck,W., Menze,A., O'Brien,J., Lehrach,H.
and Radelof,U.
Construction of a 'unigene' cDNA clone set by oligonucleotide
fingerprinting allows access to 25 000 potential sugar beet genes
Plant J. 32 (5), 845-857 (2002)

TITLE
JOURNAL
MEDLINE
PUBMED
COMMENT

Contact: Weisshaar B

ADIS DNA core facility at MPIZ
 Max-Planck-Institute for Plant Breeding Research
 Carl-von-Linne Weg 10, 50829 Koeln, Germany
 Fax: 00492215062851
 Email: weisssha@mipz-koeln.mpg.de
 Insert Length: 12 Std Error: 0.00
 Plate: 10 row: M column: 01
 Seq primer: SP6; CATACGATTGAGTGACACTATAG.

FEATURES

source

Location/Qualifiers
 1..12
 /organism="Beta vulgaris"
 /mol_type="mRNA"
 /cultivar="KWS2320 (double haploid, monogerm breeding line)"
 /db_xref="GABI:185095"
 /db_xref="taxon:161934"
 /clone="024-010-M01"
 /tissue_type="leaf"
 /lab_host="EMDH10B"
 /clone_lib="MPIZ-ADIS-024-leaf"
 /note="Vector: pCMVSPORT6; Site 1: SalI; Site 2: NotI; cDNA library from sugar beet, library provided by KWS Kleinwanzlbener Saatzaucht AG Binbeck, Germany, contact: b.schulz@kws.de; cloning sites SalI-NotI, primer sites and orientation:
 SP6-SalI-CCACGCGTCCG-5prime-cDNA-polyA-CC-NotI-T7; Note: Sequencing granted in the context of the GABI-Beet project, local PI: Dr. Katharina Schneider, coordinator: Prof. Christian Jung; Sequence submission managed by RZPD/GABI-Primary database:http://gabi.rzpd.de"

Query Match

Best Local Similarity 2.6%; Score 7.4; DB 1; Length 12;
 Matches 8; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 716 AGGAGAGTG 724

Db 9 AGGAGAGAG 1

RESULT 22

AZ357282/c 23 bp DNA linear GSS 02-OCT-2000
 LOCUS
 DEFINITION 1M0098A16R Mouse 10kb plasmid UUC1M library Mus musculus genomic clone UUC1M0098A16 R, genomic survey sequence.

ACCESSION AZ357282

VERSION AZ357282.1 GI:10470982

KEYWORDS GSS.

SOURCE Mus musculus (house mouse)

ORGANISM

Mus musculus
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

REFERENCE 1 (bases 1 to 23)

AUTHORS Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausen, A. and Wright, D., Weiss, R.

TITLE Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts

JOURNAL Unpublished (2000)

COMMENT Contact: Robert B. Weiss

Email: gdunn@genetics.utah.edu

Insert Length: 10000 Std Error: 0.00

Plate: 0098 row: A column: 16

Seq primer: CACACGGAACACCTATGACC

Class: plasmid ends

High quality sequence stop: 23.

FEATURES

source

Location/Qualifiers
 1..23
 /organism="Mus musculus"
 /mol_type="genomic DNA"
 /strain="C57BL/6J"
 /db_xref="taxon:10090"
 /clone="UUC1M0098A16"
 /sex="Male"
 /lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
 /clone_lib="Mouse 10kb plasmid UUC1M library"
 /note="Vector: PWD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptor DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptor mouse DNA was annealed to adaptor vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match

Best Local Similarity 2.6%; Score 7.4; DB 1; Length 23;
 Matches 8; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 949 GCAAGAAGA 957

Db 21 GAAAGAAGA 13

RESULT 23

AI378947/c

LOCUS

DEFINITION

AI378947

ACCESSION

VERSION

KEYWORDS

SOURCE

ORGANISM

REFERENCE

AUTHORS

TITLE

JOURNAL

COMMENT

AI378947

AI378947.1

GI:4188811

EST.

Homo sapiens

Homo sapiens

Homo sapiens

Homo sapiens

Homo sapiens

Homo sapiens

Homo sapiens

Homo sapiens

Homo sapiens

Homo sapiens

Homo sapiens

Homo sapiens

Homo sapiens

Homo sapiens

/clone lib="Soares_total_fetus_Nb2HP8_9w"
 /notes="Vector: pT73D-Pac (Pharmacia) with a modified
 polylinker; Site 1: Not I; Site 2: Eco RI; 1st strand cDNA
 was prepared from mRNA obtained from pooled 8-9 week
 (total) fetus material with a Not I - oligo(dT) primer [5',
 TGTTACATCTGAATGGAGCGCGCTTAATTTTITTTTITTTT 3'].
 Double-stranded cDNA was ligated to Eco RI adaptors
 (Pharmacia), digested with Not I and cloned into the Not I
 and Eco RI sites of the modified pT73 vector. Library
 went through one round of normalization, and was
 constructed by Bento Soares and M. Fatima Bonaldo. "

Query Match 2.5%; Score 7.2; DB 1; Length 25;
 Best Local Similarity 64.7%; Pred. No. 21;
 Matches 11; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 716 AGGAGTACTCTTGGT 732

Db 18 AGAAGAGATGCTGCT 2

RESULT 24
 LOCUS CA794555 15 bp mRNA linear EST 05-DEC-2002
 DEFINITION Cac BL 1497 Cac BL (Bean and Leaf from Amelonardo type Cacao)
 Theobroma cacao cDNA clone Cac_BL_1497 5', mRNA sequence.

ACCESSION CA794555
 VERSION CA794555.1 GI:26051631

KEYWORDS EST.

SOURCE Theobroma cacao (cacao)

ORGANISM Theobroma cacao
 Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
 Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
 rosids; eurosids II; Malvales; Malvaceae; Byttneriaceae;
 Theobroma.

REFERENCE 1 (bases 1 to 15)
 AUTHORS Jones,P.G., Allaway,D., Gilmour,D.M., Harris,C., Rankin,D.,
 Retzel,E.R. and Jones,C.A.

TITLE Gene discovery and microarray analysis of cacao (Theobroma cacao

JOURNAL Planta 216 (2), 255-264 (2002)

MEDLINE 2237596

PUBMED 12447539

COMMENT Masterfoods

3d Dundee Road, Slough, Berkshire, UK, SL1 4LG

Tel: +44 1664 416644

Email: Paul.Jones@eu.affem.com

Seq primer: T3.

Location/Qualifiers

1..15

/organism="Theobroma cacao"

/mol_type="mRNA"

/strain="Amelonado type"

/db_xref="taxon:3641"

/clone="Cac_BL_1497"

/tissue_type="Mature leaf and mature bean"

/cell_type="Whole organ"

/dev_stage="maturity"

/lab_host="XL-1 Blue MRP."

/clone_lib="Cac_BL (Bean and Leaf from Amelonardo type

Cacao)"

/note="Vector: pBK-CMV; Bean and leaf tissue from an

Amelonado type Cacao tree."

Query Match 2.5%; Score 7.2; DB 1; Length 15;
 Best Local Similarity 75.0%; Pred. No. 24;
 Matches 9; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 746 AGGTCGCCAGG 757

Db 1 AGGACCGGGG 12

RESULT 25

AZ381798

LOCUS

DEFINITION

1M0138G01R Mouse 10kb plasmid UUGC1M library Mus musculus genomic

clone UUGC1M0138G01 R, genomic survey sequence.

ACCESSION

AZ381798

VERSION

AZ381798.1

KEYWORDS

GSS.

SOURCE

ORGANISM

Mus musculus (house mouse)

REFERENCE

1 (bases 1 to 19)

AUTHORS

Dunn,D., Royagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C.,

Islam,H., Longacre,S., Mahmoud,M., Veenen,E., Pedersen,T.,

Reilly,M., Rose,W., Rose,R., Stokes,R., Tingey,A., von

Niederhausern,A. and Wright,D.,Weiss,R.

Mouse whole genome scaffolding with paired end reads from 10kb

plasmid inserts

Unpublished (2000)

CONTACT: Robert B. Weiss

University of Utah Genome Center

University of Utah

Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT

84112, USA

Tel: 801 585 5606

Fax: 801 585 7177

Email: ddunn@genetics.utah.edu

Insert Length: 10000 Std Error: 0.00

Plate: 0138 row: G column: 01

Seq primer: CACACAGGAACAGCTATGACC

Class: plasmid ends

High quality sequence stop: 19.

Location/Qualifiers

1..19

/organism="Mus musculus"

/mol_type="genomic DNA"

/strain="C57BL/6J"

/db_xref="taxon:10090"

/clone="UUGC1M0138G01"

/sex="Male"

/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"

/clone_lib="Mouse 10kb plasmid UUGC1M library"

/note="Vector: PWB42nv; Purified genomic DNA from M.

musculus C57BL/6J (male) was obtained from the Jackson

Laboratory Mouse DNA Resource

(http://www.jax.org/resources/documents/dnares/). The DNA

was hydrodynamically sheared by repeated passage through a

0.005 inch orifice at constant velocity. The sheared DNA

was blunt end-repaired with T4 DNA polymerase and T4

polynucleotide kinase. Adaptor oligonucleotides were

ligated to the blunt ends in high molar excess. The

adapted DNA was purified and size-selected for a 9.5 to

10.5 kb range using preparative agarose gel

electrophoresis. Vector DNA was prepared from a derivative

of pWD42 (gi|4732114|gb|AF129072.1), a copy-number

inducible derivative of plasmid R1. The vector was ligated

with adaptors complementary to the insert adaptors and

purified. The sheared, adapted mouse DNA was annealed to

adapted vector DNA, and transformed into

chemically-competent E. coli XL10-Gold (Stratagene) cells

and selected for ampicillin resistance."

Query Match 2.5%; Score 7.2; DB 1; Length 19;

Best Local Similarity 75.0%; Pred. No. 25;

Matches 9; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 818 GGGTGGCTGTG 829

Db 1 GGGTGGCTGTG 12

```

RESULT 26
CF543159/c
LOCUS
DEFINITION S014678-024-030-006-SP6 MP1Z-ADIS-024-leaf Beta vulgaris cDNA clone
ACCESSION CF543159
VERSION 024-030-006 5-PRIME, mRNA sequence.
KEYWORDS EST.
SOURCE Beta vulgaris
ORGANISM Beta vulgaris
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
Caryophyllales; Amaranthaceae; Beta.
1 (bases 1 to 11)
Drungowski, M., Stahl, D., Wruck, W., Menze, A., O'Brien, J., Lehrach, H.
and Radelof, U.
Construction of a 'unigene' cDNA clone set by oligonucleotide
fingerprinting allows access to 25 000 potential sugar beet genes
Plant J. 32 (5), 845-857 (2002)
22362189
12472698
PUBMED
COMMENT Contact: Weisshaar B
ADIS DNA core facility at MP1Z
Max-Planck-Institute for Plant Breeding Research
Carl-von-Linne Weg 10, 50829 Koeln, Germany
Fax: 00492215062851
Email: weisshaar@piz-koeln.mpg.de
Insert Length: 11 Std Error: 0.00
Plate: 30 row: 0 column: 06
Seq primer: SP6.
Location/Qualifiers
1..11
/organism="Beta vulgaris"
/mol_type="mRNA"
/cultivar="KWS2320 (double haploid, monogerm breeding
line)"
/db_xref="GABI:936619"
/db_xref="taxon:161934"
/clone="024-030-006"
/tissue_type="leaf"
/lab_host="EMDH108"
/clone_lib="MP1Z-ADIS-024-leaf"
/notes="Vector: PCWVSPORT6; Site 1: Sali; Site 2: NotI;
cDNA library from sugar beet, library provided by KWS
Kleinwanzlebener Saatzzucht AG Einbeck, Germany, contact:
b.schulz@kws.de; cloning sites Sali-NotI, primer sites and
orientation:
SP6-Sali-CCACGCGTCG-5prime-cDNA-polyA-CC-NotI-T7; Note:
Sequencing granted in the context of the GABI-Beet
project, local PI: Dr. Katharina Schneider, coordinator:
Prof. Christian Jung; Sequence submission managed by
RZPD/GABI-Primary database:http://gabi.rzpd.de"

Query Match 2.3%; Score 6.8; DB 1; Length 11;
Best Local Similarity 80.0%; Pred. No. 21;
Matches 8; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 846 AAGACAGCGT 855
Db 11 AAGAAAGTGT 2

RESULT 27
BQ589768
LOCUS
DEFINITION E012680-024-020-D03-SP6 MP1Z-ADIS-024-storage root Beta vulgaris
ACCESSION BQ589768
VERSION cDNA clone 024-020-D03 5-PRIME, mRNA sequence.
KEYWORDS EST.
SOURCE Beta vulgaris
ORGANISM Beta vulgaris
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
1 (bases 1 to 13)
Drungowski, M., Stahl, D., Wruck, W., Menze, A., O'Brien, J., Lehrach, H.
and Radelof, U.
Construction of a 'unigene' cDNA clone set by oligonucleotide
fingerprinting allows access to 25 000 potential sugar beet genes
Plant J. 32 (5), 845-857 (2002)
22362189
12472698
PUBMED
COMMENT Contact: Weisshaar B
ADIS DNA core facility at MP1Z
Max-Planck-Institute for Plant Breeding Research
Carl-von-Linne Weg 10, 50829 Koeln, Germany
Fax: 00492215062851
Email: weisshaar@piz-koeln.mpg.de
Insert Length: 13 Std Error: 0.00
Plate: 20 row: D column: 03
Seq primer: SP6; CATACGATTAGTGACACTATAG.
Location/Qualifiers
1..13
/organism="Beta vulgaris"
/mol_type="mRNA"
/cultivar="KWS2320 (double haploid, monogerm breeding
line)"
/db_xref="GABI:190356"
/db_xref="taxon:161934"
/clone="024-020-D03"
/tissue_type="storage root"
/lab_host="EMDH108"
/clone_lib="MP1Z-ADIS-024-storage root"
/notes="Vector: PCWVSPORT6; Site 1: Sali; Site 2: NotI;
cDNA library from sugar beet, library provided by KWS
Kleinwanzlebener Saatzzucht AG Einbeck, Germany, contact:
b.schulz@kws.de; cloning sites Sali-NotI, primer sites and
orientation:
SP6-Sali-CCACGCGTCG-5prime-cDNA-polyA-CC-NotI-T7; Note:
Sequencing granted in the context of the GABI-Beet
project, local PI: Dr. Katharina Schneider, coordinator:
Prof. Christian Jung; Sequence submission managed by
RZPD/GABI-Primary database: http://gabi.rzpd.de"

Query Match 2.3%; Score 6.8; DB 1; Length 13;
Best Local Similarity 80.0%; Pred. No. 24;
Matches 8; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 831 CTCCTTTCTT 840
Db 1 CCCTCTCTCTT 10

RESULT 28
AI016863/c
LOCUS
DEFINITION ou27c10.x1 Soares NFL T GBC SJ Homo sapiens cDNA clone
IMAGE:1627506 3' similar to WP:T04F8.8 CE03620 ;, mRNA sequence.
ACCESSION AI016863
VERSION AI016863.1 GI:32311199
KEYWORDS EST.
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
1 (bases 1 to 13)
National Cancer Institute, Cancer Genome Anatomy Project (CGAP),
Tumor Gene Index
Unpublished (1997)
Contact: Robert Strausberg, Ph.D.
Email: cgapps-remail.nih.gov
This clone is available royalty-free through LLNL ; contact the

```

IMAGE Consortium (info@image.llnl.gov) for further information.
Trace considered overall poor quality
Seq primer: -40m13 fwd. ET from Amersham
High quality sequence stop: 1.
Location/Qualifiers

1. 13
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
/clone="IMAGE:1627506"
/lab_host="DH10B"
/clone_lib="Soares NFL T GBC S1"
/note="Organ: pooled; Vector: pT7T3D-Pac (Pharmacia) with a modified polylinker; Site 1: Not 1; Site 2: Eco RI; Equal amounts of plasmid DNA from three normalized libraries (fetal lung NBHL19W, testis NHT, and B-cell NCI CGAP GCBI) were mixed, and ss circles were made in vitro. Following HAP purification, this DNA was used as tracer in a subtractive hybridization reaction. The driver was PCR-amplified cDNAs from pools of 5,000 clones made from the same 3 libraries. The pools consisted of I.M.A.G.E. clones 297480-302087, 682632-687239, 726408-728711, and 729096-731399. Subtraction by Bento Soares and M. Fatima Bonaldo."

Query Match 2.3%; Score 6.6; DB 1; Length 13;
Best Local Similarity 69.2%; Pred. No. 26;
Matches 9; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
Qy 816 CAGGGTGGCTGT 828
| | | | | | | | | |
Db 13 CTGTGGTGGTGT 1

RESULT 29
AA913242 13 bp mRNA linear EST 26-AUG-1998
LOCUS O143g11.s1 Soares_NFL_T_GSC_S1 Homo sapiens cDNA clone
DEFINITION IMAGE:1526276 3' similar to WP:E02A10.2 CE09116 ;, mRNA sequence.
AA913242
ACCESSION AA913242.1 GI:3052634
VERSION EST.
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
1 (bases 1 to 13)
REFERENCE NCI-CCAP http://www.ncbi.nlm.nih.gov/ncicgap.
TITLE National Cancer Institute, Cancer Genome Anatomy Project (CGAP), Tumor Gene Index
JOURNAL Unpublished (1997)
COMMENT Contact: Robert Strausberg, Ph.D.
Email: cgapbs-remail.nih.gov
This clone is available royalty-free through LLNL; contact the IMAGE Consortium (info@image.llnl.gov) for further information.
Trace considered overall poor quality
Insert Length: 614 Std Error: 0.00
Seq primer: -40m13 fwd. ET from Amersham
High quality sequence stop: 1.
Location/Qualifiers

1. 13
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
/clone="IMAGE:1526276"
/lab_host="DH10B"
/clone_lib="Soares NFL T GBC S1"
/note="Organ: pooled; Vector: pT7T3D-Pac (Pharmacia) with a modified polylinker; Site 1: Not 1; Site 2: Eco RI; Equal amounts of plasmid DNA from three normalized libraries (fetal lung NBHL19W, testis NHT, and B-cell NCI CGAP GCBI) were mixed, and ss circles were made in vitro. Following HAP purification, this DNA was used as

tracer in a subtractive hybridization reaction. The driver was PCR-amplified cDNAs from pools of 5,000 clones made from the same 3 libraries. The pools consisted of I.M.A.G.E. clones 297480-302087, 682632-687239, 726408-728711, and 729096-731399. Subtraction by Bento Soares and M. Fatima Bonaldo."

Query Match 2.1%; Score 6.2; DB 1; Length 13;
Best Local Similarity 72.7%; Pred. No. 29;
Matches 8; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Qy 818 GGGTGGCTGT 828
| | | | | | | | | |
Db 3 GTGGTGGTGT 13

RESULT 30
BM395336 18 bp mRNA linear EST 17-JAN-2002
LOCUS 50072-2-8-F05.r.1 Chilcoat/Turkewitz cDNA (large fraction)
DEFINITION Tetrahymena thermophila cDNA, mRNA sequence.
BM395336
ACCESSION BM395336.1 GI:18195389
VERSION EST.
KEYWORDS Tetrahymena thermophila
SOURCE Tetrahymena thermophila
ORGANISM Tetrahymena thermophila
Eukaryota; Alveolata; Ciliophora; Oligohymenophorea; Hymenostomatida; Tetrahymenina; Tetrahymena.
1 (bases 1 to 18)
REFERENCE Turkewitz,A.P., Karrer,K.M., Jahn,C., Orias,E., Kirk,K.E., Frankel,J. and Klobutcher,L.
TITLE EST from Tetrahymena thermophila, strain CU428.1, growing cells Unpublished (2002)
JOURNAL Contact: Turkewitz AP
COMMENT Molecular Genetics and Cell Biology
University of Chicago
920 E. 58th Street, Chicago, IL 60637, USA
Tel: 773 702 4374
Fax: 773 702 3172
Email: apturkew@midway.uchicago.edu
Seq primer: T3.

FEATURES
1. 18
Location/Qualifiers
/organism="Tetrahymena thermophila"
/mol_type="mRNA"
/strain="CU428.1"
/db_xref="taxon:5911"
/clone_lib="Chilcoat/Turkewitz cDNA (large fraction)"
/note="Vector: Bluescript2 SK+; Details on library preparation can be found in Chilcoat and Turkewitz (2001) Proc. Natl. Acad. Sci USA, 98: 8709-8713."

Query Match 2.1%; Score 6.2; DB 1; Length 18;
Best Local Similarity 72.7%; Pred. No. 29;
Matches 8; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Qy 707 GCGAGTCCCG 717
| | | | | | | | | |
Db 14 GCCCGACCCG 4

RESULT 31
AZ773118 24 bp DNA linear GSS 16-FEB-2001
LOCUS 1M0584P20F Mouse 10kb plasmid UUGC1M library Mus musculus genomic clone UUGC1M0584P20 F, genomic survey sequence.
AZ773118
ACCESSION AZ773118.1 GI:12897143
VERSION GSS.
KEYWORDS Mus musculus (house mouse)
SOURCE Mus musculus
ORGANISM Mus musculus
Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

```

REFERENCE
AUTHORS      1 (bases 1 to 24)
Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C.,
Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T.,
Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von
Niederhausern,A. and Wright,D.,Weiss,R.
TITLE        Mouse whole genome scaffolding with paired end reads from 10kb
JOURNAL      plasmid inserts
COMMENT      Unpublished (2000)
Contact: Robert B. Weiss
University of Utah Genome Center
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0584 row: P column: 20
Seq primer: CGTGTAAACGACGGCCAGT
Class: plasmid ends
High quality sequence stop: 24.
Location/Qualifiers
1. 24
/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUGCLM0584P20"
/sex="Male"
/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone_lib="Mouse 10kb plasmid UUGCLM library"
/notes="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of PWD42 [gi|4732114|gb|AF129072.1], a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent E. coli XL10-Gold (Stratagene) cells
and selected for ampicillin resistance."

Query Match      2.1%; Score 6.2; DB 1; Length 24;
Best Local Similarity 72.7%; Pred. No. 23;
Matches 8; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      914 GATTATCATCA 924
      |||||
Db      13 GATGATGATCA 23

RESULT 32
LOCUS      CF278327
DEFINITION 14ETL--04-D06.b1 Rice etiolated leaf plasmid cDNA library (14ETL)
ACCESSION  CF278327
VERSION     CF278327.1 GI:33655713
KEYWORDS   EST.
SOURCE     Oryza sativa
ORGANISM   Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
Ehrhartoideae; Oryzeae; Oryza.

Query Match      2.1%; Score 6.2; DB 1; Length 24;
Best Local Similarity 72.7%; Pred. No. 23;
Matches 8; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      914 GATTATCATCA 924
      |||||
Db      13 GATGATGATCA 23

RESULT 32
LOCUS      CF278327/c
DEFINITION 14ETL--04-D06.b1 Rice etiolated leaf plasmid cDNA library (14ETL)
ACCESSION  CF278327
VERSION     CF278327.1 GI:33655713
KEYWORDS   EST.
SOURCE     Oryza sativa
ORGANISM   Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
Ehrhartoideae; Oryzeae; Oryza.

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REFERENCE
AUTHORS      1 (bases 1 to 14)
Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., Lee,T.H., Shin,Y.C.,
Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H.
TITLE        Large-scale Sequencing Analysis of Rice ESTs
JOURNAL      Unpublished (2003)
COMMENT      Contact: Nahm B.H.
Genomics and Genetics Institute, GreenGene Biotech Inc.; Division
of Bioscience and Bioinformatics, Myongji University
Yongin, Kyeonggi, Korea
Tel: 82 31 321 6193
Fax: 82 31 321 6355
Email: bhnahm@gbio.com, bhnahm@bio.myongji.ac.kr.
Location/Qualifiers
1. 14
/organism="Oryza sativa"
/mol_type="mRNA"
/cultivar="Nackdong"
/db_xref="taxon:4530"
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/tissue_type="leaf"
/dev_stage="14 days after germination"
/lab_host="E.coli DH10B"
/clone_lib="Rice etiolated leaf plasmid cDNA library
(14ETL)"
/notes="Vector: pCR4-TOPO; Site 1: EcoRI; mRNA was capped
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RT-PCR."

Query Match      2.1%; Score 6; DB 1; Length 14;
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Qy      952 AGAAGAGCCAAATT 965
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Db      14 AGAAGCGAGAAGT 1

RESULT 33
LOCUS      CF319670/c
DEFINITION HD--10-E05.b1 OSHDAC1-overexpressing transgenic rice plasmid cDNA
library (HD) Oryza sativa cDNA clone HD--10-E05, mRNA sequence.
ACCESSION  CF319670
VERSION     CF319670.1 GI:33691431
KEYWORDS   EST.
SOURCE     Oryza sativa
ORGANISM   Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
Ehrhartoideae; Oryzeae; Oryza.

Query Match      2.1%; Score 6.2; DB 1; Length 24;
Best Local Similarity 72.7%; Pred. No. 23;
Matches 8; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      914 GATTATCATCA 924
      |||||
Db      13 GATGATGATCA 23

RESULT 32
LOCUS      CF278327/c
DEFINITION 14ETL--04-D06.b1 Rice etiolated leaf plasmid cDNA library (14ETL)
ACCESSION  CF278327
VERSION     CF278327.1 GI:33655713
KEYWORDS   EST.
SOURCE     Oryza sativa
ORGANISM   Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
Ehrhartoideae; Oryzeae; Oryza.

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CDNA library (HD)"
 /note=vector: PCR4-TOPO; Site 1: EcoRI; Callus was treated with ABA(20um) for 1hr. Oligo-capped mRNA was reverse transcribed and then used for PCR. mRNA was derived from rice Histone Deacetylase overexpression line."

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 Best Local Similarity 77.8%; Pred No. 31;
 Matches 7; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 742 TGGTAGGGT 750
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 Db 10 TGGTAGGT 2

RESULT 34
 BQ594595
 LOCUS
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 E012444-024-024-D06-SP6 MP1Z-ADIS-024-developing root Beta vulgaris
 CDNA clone 024-024-D06 5-PRIME, mRNA sequence.
 ACCESSION BQ594595
 VERSION BQ594595
 KEYWORDS EST.
 SOURCE Beta vulgaris
 ORGANISM Beta vulgaris
 Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
 Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
 Caryophyllales; Amaranthaceae; Beta.
 REFERENCE
 AUTHORS Herwig,R., Schulz,B., Weisshaar,B., Hennig,S., Steinfath,M.,
 Drungowski,M., Stahl,D., Wruck,W., Menze,A., O'Brien,J., Lehrach,H.
 and Radelof,U.
 TITLE Construction of a 'unigene' cDNA clone set by oligonucleotide
 fingerprinting allows access to 25 000 potential sugar beet genes
 JOURNAL Plant J. 32 (5), 845-857 (2002)
 MEDLINE 22362189
 PUBMED 12472698
 COMMENT
 ADIS DNA core facility at MPIZ
 Max-Planck-Institute for Plant Breeding Research
 Carl-von-Linne Weg 10, 50829 Koeln, Germany
 Fax: 00492215062851
 Email: weissshaar@mpiz-koeln.mpg.de
 Insert Length: 12 Std Error: 0.00
 Plate: 24 row: D column: 06
 Seq primer: SP6; CATACGATTAGGTGACACTATAG.
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 /cultivar="KWS2320 (double haploid, monogerm breeding line)"
 /db_xref="GABI:192266"
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 /clone="024-024-D06"
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 /lab_host="EMDH10B"
 /clone_lib="MP1Z-ADIS-024-developing root"
 /note=vector: PCMVSPORT6; Site 1: SalI; Site 2: NotI;
 cDNA library from sugar beet, library provided by KWS
 Kleinzellbener Saatnucht AG Einbeck, Germany, contact:
 b.schulz@kws.de; cloning sites SalI-NotI, primer sites and
 orientation:
 SP6-Sali-CCACGCGTCCG-5prime-cDNA-polyA-CC-NotI-T7; Note:
 Sequencing granted in the context of the GABI-Beet
 project, local PI: Dr. Katharina Schneider, coordinator:
 Prof. Christian Jung; Sequence submission managed by
 RZPD/GABI-Primary database: http://gabi.rzpd.de"

Query Match 1.9%; Score 5.4; DB 1; Length 12;
 Best Local Similarity 85.7%; Pred No. 34;
 Matches 6; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 970 CTCATAA 976
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 Db 1 CTCATAA 7

Search completed: July 12, 2004, 11:20:58
 Job time : 0.001 secs

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